### Outdoor IR High Speed dome

2 MP

4 MP

8MP



#### **Features**



#### **Classified Object**

Focuses on human and vehicle targets classification based on deep learning



#### **Perimeter Protection**

Line crossing, intrusion, region entrance, region exiting



#### **Support PoE**

Ease of installation and Cost savings. Support IEEE 802.3bt allows for up to 60 W



#### Wiper

Adopted the wiper intelligently detect rain and remove water automatically via rain sensor



#### **Smart Pan-Tilt Correction**

return to previous direction when it suffers unexpected rotation caused by violence or strong wind.



#### Better night view

Super large 1/1.8" CMOS sensor and laser night provides excellent night view



#### **Build in Heater**

Prevents the lens from fogging and ensures a clear picture



Max 50X Optical Zoom Adopted Max 50X long distance lens for clear view far away



#### **Optical Image Stabilisation**

Guarentees the stability and clarity of the image

#### Note:

• IRS2S Model can support installing zoom module up to 60x optical zoom.

### 8MP 40x High Speed dome

FTD-IRW2S-E4085

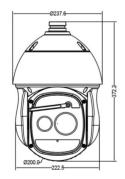


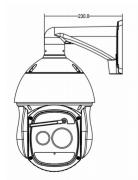
- 30 fps @ 3840x2160 (8MP)
- 40x Optical Zoom, Auto Focus
- 0.0005 Lux color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- Optical Defog

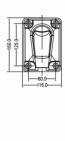
#### Dimensions:

(Unit - mm)









Camera	
Image Sensor	8MP Starlight Sony progressive scan CMOS (1/1.8)
Field of View	62.5° ~ 2.0°(Horizontal); 36.5° ~ 1.1° (Vertical)
Zoom Speed	4 Sec (Optics, Wide $\sim$ Tele)
Lens	40X Optical (6.4 to 256mm,); Auto Focus
Resolution	3840x2160 <b>(8MP)</b>
Night vision Range	Up to 200 m (656.2ft)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.35 (Color); 0 Lux
image	
image Enhancement	120 db WDR/EIS, BLC, HLC, 2D/3D DNR, ROI, Optical Defog
Digital Zoom	16X
Shutter Speed	Manual (1/25 ~ 1/100,00), Auto
Focus Control	Auto, Semi-automatic, Manual
D/N Control	Customize, Auto, Color on, Color off
S/N	> 56dB
Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Video / Audio	
Video Compression	H.264, H.265
<b>Audio Compression</b>	G.711A, G.711U
Frame Rate	3840*2160@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32 Kbps-16mbps)
Network	
Protocols	TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPv6
Compatibility	ONVIF(PROFILE S,PROFILE G), SDK, API
Streaming Method	Unicast, Multicast
WebViewer	Internet Explorer
Function	·
	micro SD /SDHC /SDVC cord /3ESg) NAS
Recording	micro SD / SDHC / SDXC card (256g) NAS
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Event Action	Email, Snapshot, Recording, Alarm Out
Event	Smart Motion Detection, Video Shelter
Intelligent Perimeter	Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
PTZ	
Range	Pan: <b>360°</b> Endless Tilt: <b>-15°~90°</b> Auto Flip
Speed	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
Preset / Patrol	255 Presents, 8 patrols, (32 presets for each patrol)
Preset / Patroi	
Auto Back	Auto Pan-Tilt Correction
	Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)
Auto Back	
Auto Back Buildin Heater	Build in heating system (CTC) (Optional)
Auto Back Buildin Heater Interface Network	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port
Auto Back Buildin Heater Interface Network Audio	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In
Auto Back Buildin Heater Interface Network Audio Alarm	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Auto Back Buildin Heater Interface Network Audio Alarm Power	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  POE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Φ 223 mm × 372 mm
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Φ 223 mm × 372 mm  8.0 kg
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight Operation Humidity	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  POE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф 223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight Operation Humidity Operation Temp	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Φ 223 mm × 372 mm  8.0 kg
Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight Operation Humidity	Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  POE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф 223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)

### 4MP 60x High Speed dome

FTD-IRW2S-E6045

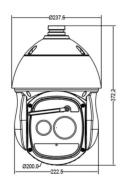


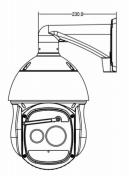
- 2688\*1520@25/30fps
- 60x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- Optical Defog

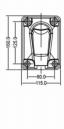
#### i ensions

Unit -









or Ech Text Torto	
Camera	
Image Sensor	4MP Starlight Sony progressive scan CMOS (1/1.8)
Field of View	61.28° ~ 1.4 (Horizontal); 37.5° ~ 1.05° (Vertical)
Zoom Speed	3 Sec (Optics, Wide $\sim$ Tele)
Lens	60X Optical (6.4 to 384mm,); auto focus
Resolution	2688*1520 <b>(4MP)</b>
Night vision Range	Up to 200 m (656.2ft)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.5 (Color); <0.0001 Lux @ F1.5 (B/W)
image	
image Enhancement	120db WDR/EIS, BLC, HLC, 2D/3D DNR, ROI, Optical Defog
Digital Zoom	16X
Shutter Speed	Manual (1/3 ~ 1/300,00), Auto
Focus Control	Auto, Semi-automatic, Manual
D/N Control	Customize, Auto, Color on, Color off
S/N	> 55dB
Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Video / Audio	
Video Compression	H.264, H.265
Audio Compression	G.711A, G.711U
Frame Rate	2688*1520@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32 Kbps-16mbps)
Network	
Protocols	TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPv6
Compatibility	ONVIF(PROFILE S,PROFILE G), SDK, API
Streaming Method	Unicast, Multicast
Web Viewer	Internet Explorer
Function	
Recording	micro SD / SDHC / SDXC card (256g) NAS
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Alailii iriggers	All intelligent Function
Frank Astion	Free! Cranchet Becarding Alama Out
Event Action	Email, Snapshot, Recording, Alarm Out
Event Action  Event  Intelligent Function	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving,
Event	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object
Event Intelligent Function PTZ	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
Event Intelligent Function	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving,
Event Intelligent Function PTZ	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
Event Intelligent Function PTZ Range	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s
Event Intelligent Function PTZ Range Speed	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
Event Intelligent Function PTZ Range Speed Preset / Patrol	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)
Event Intelligent Function PTZ Range Speed Preset / Patrol Auto Back	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction
Event Intelligent Function PTZ Range Speed Preset / Patrol Auto Back Buildin Heater	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)
Event Intelligent Function PTZ Range Speed Preset / Patrol Auto Back Buildin Heater Interface Network	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)
Event Intelligent Function PTZ Range Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In
Event Intelligent Function PTZ Range Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General IP Rating	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General IP Rating	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General IP Rating Wiper	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  Bog.3bt (PoE++) -Max: 51W/26W (IR on/off)
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Φ223 mm × 372 mm
Event Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg
Event  Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight  Operation Humidity  Operation Temp	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)
Event  Intelligent Function  PTZ  Range  Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight  Operation Humidity	Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)

### 4MP 40x High Speed dome

FTD-IRW2S-E4045

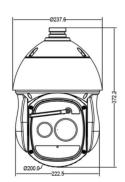


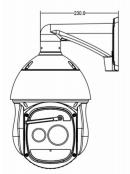
- 2688\*1520@25/30fps
- 40x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- Optical defog

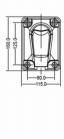
#### i ensions

Unit -









SPECIFICATIONS	
Camera	
Image Sensor	4MP Starlight Sony progressive scan CMOS (1/1.8)
Field of View	59.5° $\sim$ 2.0° (Horizontal); 35.8° $\sim$ 1.1° (Vertical)
Zoom Speed	5 Sec (Optics, Wide $\sim$ Tele)
Lens	40X Optical (6.6 to 264mm,); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	Up to 200 m (656.2ft)
D/N Filter Min Illumination	IR Cut Filter Switch (ICR)  0.0005 Lux @ F1.5 (Color); OLux
	0.0005 Edx @ F1.5 (COIOF), OEdx
image	
image Enhancement Digital Zoom	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Optical defog
Shutter Speed	
Focus Control	Manual (1/3 ~ 1/300,00), Auto Auto, Semi-automatic, Manual
D/N Control	Customize, Auto, Color on, Color off
S/N	> 55dB
Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Video / Audio	
Video Compression	H.264, H.265
Audio Compression	G.711A, G.711U
Frame Rate	2688*1520@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32Kbps-16mbps)
Network	
Protocols	TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N
	TP,SMTP,SNMP,IPv6
Compatibility	ONVIF(PROFILE S,PROFILE G), SDK, API
Streaming Method	Unicast, Multicast
Web Viewer	Internet Explorer
Function	
Recording	micro SD / SDHC / SDXC card (256g) NAS
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Event Action	Email, Snapshot, Recording, Alarm Out
Event	Smart Motion Detection, Video Shelter
Intelligent Function	Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
PTZ	
Range	Pan: 360° Endless Tilt: -15°~90° Auto Flip
Speed	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
Preset / Patrol	255 Presents, 8 patrols, (32 presets for each patrol)
Auto Back	Auto Pan-Tilt Correction
Buildin Heater	Build in heating system (CTC) (Optional)
Interface	
Network	DIAE(10/100mbms) Ethornot Do-t
	RJ45(10/100mbps) Ethernet Port
Audio	Audio Out, Audio In
Alarm	Alarm Out, Alarm In
Power	PoE LAN, DC/AC In
Memory Slot	Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
General	
IP Rating	IP66, 6KV Surge Protection
Wiper	Rain-sensing wiper and Hydrophobic film on lens
Power Supply	AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
POE Supply	802.3bt (PoE++) -Max: 51W/26W (IR on/off)
Web Language	English
Dimension	Ф223 mm × 372 mm
Weight	8.0 kg
Operation Humidity	Max Up to 95%RH(Non Condensing)
Operation Temp	-45° C to 70° C (-49° F to158° F)
Guarantee	
	2 Years factory Guarantee
Product Guarantee	2 rears ractory duarantee

# 4MP 40x High Speed dome

FTD-IRW2S-E4045G

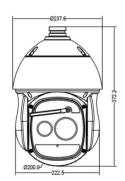


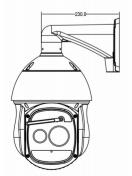
- 2688\*1520@25/30fps
- 40x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Ultra Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- built-in gyro sensor

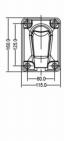
#### i ensions

Unit -









Camera	
Image Sensor	4MP Ultra Starlight Sony CMOS 1/1.8"
Field of View	$57.62^{\circ} \sim 2.95^{\circ}$ (Horizontal); $33.8^{\circ} \sim 1.4^{\circ}$ (Vertical)
Zoom Speed	4.5 Sec (Optics, Wide $\sim$ Tele)
Lens	40X Optical (6.6 to 240 mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	Up to 200 m (656.2ft)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.35 (Color); 0 Lux
image	
image Enhancement	120 MIDD / EIS RIC HIC 2D/2D DAID DOL Flortungio Defea
Digital Zoom	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Electronic Defog 16X
Shutter Speed	Manual (1/3 ~ 1/300,00), Auto
Focus Control	Auto, Semi-automatic, Manual
D/N Control	Customize, Auto, Color on, Color off
S/N	> 55dB
Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Video / Audio	, ,
Video Compression	H 264 H 265
Audio Compression	H.264, H.265 G.711A, G.711U
Frame Rate	2688*1520@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32 Kbps-16mbps)
Network	Triple Stream (video bitlate: 32 kbps-tombps)
Network	TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N
Protocols	TP,SMTP,SNMP,IPv6
Compatibility	ONVIF(PROFILE S,PROFILE G), SDK, API
Streaming Method	Unicast, Multicast
Web Viewer	Internet Explorer
Function	
Recording	micro SD / SDHC / SDXC card (256g) NAS
	Manual, Motion Detection, Smart Detection, Schedule
Record Type	
Alarm Triggers	All Intelligent Function
Event Action	Email, Snapshot, Recording, Alarm Out
Event	Smart Motion Detection, Video Shelter
Intelligent Function	Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
PTZ	
Range	Pan: 360° Endless Tilt: -15°~90° Auto Flip
Range	Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s  Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
	Pan: Manual from 0.1° to 180°/s; preset: 250°/s
Speed	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
Speed Preset / Patrol	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s 255 Presents, 8 patrols, (32 presets for each patrol)
Speed Preset / Patrol Auto Back	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol) Auto Pan-Tilt Correction
Speed Preset / Patrol Auto Back Buildin Heater	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Speed  Preset / Patrol  Auto Back  Buildin Heater Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight  Operation Humidity	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight  Operation Humidity  Operation Temp	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg
Speed  Preset / Patrol  Auto Back  Buildin Heater  Interface  Network  Audio  Alarm  Power  Memory Slot  General  IP Rating  Wiper  Power Supply  POE Supply  Web Language  Dimension  Weight  Operation Humidity	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)

### 4MP 30x High Speed dome

FTD-IRW2S-E3045G

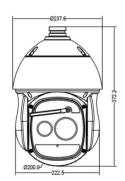


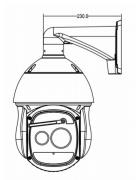
- 2688\*1520@25/30fps
- 30x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Ultra Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- built-in gyro sensor

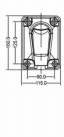
#### i ensions

Unit -









SPECIFICATIONS	
Camera	
Image Sensor	4MP Ultra Starlight Sony CMOS 1/1.8"
Field of View	57.62° $\sim$ 3.95° (Horizontal); 33.8° $\sim$ 1.4° (Vertical)
Zoom Speed	4.5 Sec (Optics, Wide ~ Tele)
Lens	30X Optical (7.1 to 213mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range D/N Filter	Up to 200 m (656.2ft)  IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.35 (Color); 0 Lux
	0.0005 Edx @ 11.55 (COIO1); 0 Edx
image	A STATE OF THE STA
image Enhancement Digital Zoom	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Electronic Defog 16X
Shutter Speed	Manual (1/3 ~ 1/300,00), Auto
Focus Control	Auto, Semi-automatic, Manual
D/N Control	Customize, Auto, Color on, Color off
S/N	> 55dB
Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Video / Audio	
Video Compression	H.264, H.265
Audio Compression	G.711A, G.711U
Frame Rate	2688*1520@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32 Kbps-16mbps)
Network	
	TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N
Protocols	TP,SMTP,SNMP,IPv6
Compatibility	ONVIF(PROFILE S,PROFILE G), SDK, API
Streaming Method	Unicast, Multicast
Web Viewer	Internet Explorer
Function	
Recording	micro SD / SDHC / SDXC card (256g) NAS
Record Type	Manual, Motion Detection, Smart Detection, Schedule
Alarm Triggers	All Intelligent Function
Event Action	Email, Snapshot, Recording, Alarm Out
Event	Smart Motion Detection, Video Shelter
Intelligent Function	Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection
PTZ	
Pange	Pan: <b>360°</b> Endless Tilt: <b>-15°~90°</b> Auto Flip
Range	Pall: 300 Elidless Tilt13 90 Auto Filp
Speed	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
	Pan: Manual from 0.1° to 180°/s; preset: 250°/s
Speed Preset / Patrol	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s 255 Presents, 8 patrols, (32 presets for each patrol)
Speed	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s
Speed Preset / Patrol Auto Back Buildin Heater	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction
Speed Preset / Patrol Auto Back Buildin Heater Interface	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In
Speed  Preset / Patrol  Auto Back Buildin Heater Interface Network  Audio Alarm Power Memory Slot General	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RI45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RI45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RI45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off) English  Φ223 mm × 372 mm
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg
Speed Preset / Patrol Auto Back Buildin Heater Interface Network Audio Alarm Power Memory Slot General IP Rating Wiper Power Supply POE Supply Web Language Dimension Weight Operation Humidity	Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  RJ45(10/100mbps) Ethernet Port  Audio Out, Audio In  Alarm Out, Alarm In  PoE LAN, DC/AC In  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  IP66, 6KV Surge Protection  Rain-sensing wiper and Hydrophobic film on lens  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  English  Ф223 mm × 372 mm  8.0 kg  Max Up to 95%RH(Non Condensing)

# 2MP 45x High Speed dome

FTD-IRW2S-E4525

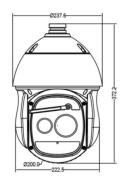


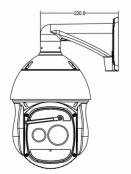
- 1920\*1080@50/60fps
- 45x Optical Zoom, Auto Focus
- 1/2.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 200 m (656.2ft)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- Optical defog/heat haze reduction

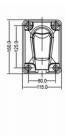
#### i ensions











Field of View 56.5° ~ 2.5° (Horizontal); 33.8° ~ 1.4° (Vertical)  Zoom Speed 4.5 Sec (Optics, Wide ~ Tele)  Lens 45X Optical (3.95 ~ 178mm); auto focus  Resolution 1920*1080(2MP)  Night vision Range Up to 200 m (656.2ft)  D/N Filter IR Cut Filter Switch (ICR)  Min Illumination 0.005 Lux @ F1.5 (Color); 0.0005Lux @ F1.5 (B/W)  Image  image Enhancement 120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Opitical Defog  Digital Zoom 16X  Shutter Speed Manual (1/3 ~ 1/300,00), Auto  Focus Control Auto, Semi-automatic, Manual  D/N Control Customize, Auto, Color on, Color off  S/N > 55dB	or Echications	
Field of View   56.5° ~ 2.5° (Horizontal); 33.8° ~ 1.4° (Vertical)	Camera	
A.5 Sec (Optics, Wide ~ Tele)	Image Sensor	
Lens 45X Optical (3.95~178mm); auto focus Resolution 1920*1080(2MP) Night vision Range Up to 200 m (656.2ft) D/N Filter R Cut Filter Switch (ICR) Min Illumination 0.005 Lux @ F1.5 (Color); 0.0005Lux @ F1.5 (B/W) Image Image Enhancement 120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Optical Defog 16X Shutter Speed Manual (1/3~1/300.00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N > 55d8 Image Adjustment Saturation, Brightness, Contrast, Sharpness, White Balance Video / Audio Video Compression H.264, H.265 Audio Compression G.711A, G.711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network Protocols TCPIP_ICMP_HTTP_HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMMP_IPV6 Compatibility Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Intelligent Function Wissing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection PTZ Range Pan: 360° Endless Tilt: -15*~90° Auto Flip Speed Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 50°/s Tilt: Manual from O.1* to 180°/s; preset: 50°/s Tilt: Manual from O.1* to 180°/s; preset: 50°/s Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 250°/s Tilt: Manual from O.1* to 180°/s; preset: 50°/s Tilt: Manual from O.1* to		
Night vision Range	•	
Night vision Range D/N Filter IR Cut Filter Switch (ICR) Min Illumination O.005 Lux @ F1.5 (Color); 0.0005Lux @ F1.5 (R/W) Image Image Enhancement 120 WDR/ Els, BLC, HLC, 2D/3D DNR, ROI. Opitical Defore Digital Zoom 16X Shutter Speed Manual (1/3 ~ 1/300.00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N >55M Image Adjustment Video / Audio Video Compression Audio Compression Audio Compression Audio Compression Audio Compression Audio Compression Triple Stream (Video Bitrate: 32 Kbps-16mbps) Network Transmission Stream Network TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPW6 Compatibility ONNF(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewe Internet Explorer Function Recording Micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ Range Pan: Manual from 0.1* to 180's; preset: 250's Tilt: Manual from 0.1* to 180's; preset: 250's Tilt: Manual from 0.1* to 180's; preset: 250's Tilt: Manual from 0.1* to 120's, preset: 250's Tilt: Manual from 0.1* to 120's, preset: 250's Tilt: Manual from 0.1* to 120's, preset: 250's Tilt: Manual from 0.1* to 180's; preset: 250's Tilt: Manual from 0.1* to 180'		
D/N Filter  R Cut Filter Switch (ICR)  Min Illumination  0.005 Lux @ F1.5 (Color); 0.0005Lux @ F1.5 (B/W)  Image Enhancement  120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROJ, Opitical Defor  16X  Shutter Speed Manual (I/3 ~ 1/300,00), Auto  Focus Control Auto, Semi-automatic, Manual  D/N Control Customize, Auto, Color on, Color off  S/N > 5548  Image Adjustment  Video / Audio  Video Compression  H.264, H.265  Audio Compression  Frame Rate  Triple Stream (Video Bitrate: 32 Kbps-16mbps)  Network  Protocols  TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N  TP,SMTP,SMMP,IPV6  Compatibility  ONVIF(PROFILE S, PROFILE G), SDK, API  Streaming Method  Unicast, Multicast  Web Viewer  Internet Explorer  Function  Recording  Micro SD / SDHC / SDXC card (256g) NAS  Record Type  All Intelligent Function  Event Action  Email, Snapshot, Recording, Alarm Out  Event  Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object  Missing, Region Entrance, Region Exiting, Fast Moving,  Human Detection, Vehicle Detection  PTZ  Range  Pan: 360* Endless Tilt: -15**90* Auto Flip  Speed  Pan: Manual from 0.1* to 180'/s; preset: 250'/s  Tilt: Manual from 0.1* to 180'/s; preset: 250'/s  Tilt: Manual from 0.1* to 180'/s; preset: 250'/s  Tilt: Manual from 0.1* to 120'/s, preset: 250'/s  Tilt: Manual from 0.1* to 180'/s; preset: 250'/s  Tilt: Manual from 0.1* to 120'/s, prese		
Min Illumination Image Image Enhancement Digital Zoom 16X Shutter Speed Manual (1/3 ~ 1/300,00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N > 55dB Image Adjustment Video / Audio Video Compression H.264, H.265 Audio Compression Audio Compression Audio Compression Fransmission Stream Triple Stream (Video Bitrate: 32 Kbps-16mbps) Network Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SMMP,IPV6 Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection Pan: Manual from 0.1* to 120'/s, preset: 250'/s Tilt: Manual from 0.1* to 120'/s, preset: 250'/s Tilt: Manual from 0.1* to 120'/s, preset: 250'/s Tilt: Manual from 0.1* to 120'/s, preset: 200'/s Preset / Patrol Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power Power Poet LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC Slot, up to (256GB) General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) Web Language English Dimension Q223 mm x 372 mm Weight Qperation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee		
image Financement Digital Zoom 16X Auto, Semi-automatic,Manual D/N Control O/N Control O/N Control O/N Compression H.264, H.265 Audio Compression H.264, H.265 Audio Compression H.264, H.265 Audio Compression H.264, H.265 Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SMTP,SMMP,IPv6 Compatibility O/NVIE(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Smart Motion Detection, Video Bitxing, Fast Moving, Human Detection, Vehicle Detection Fire Manual from 0.1* to 1207/s, preset: 2507/s Tit:		
image Enhancement Digital Zoom 16X Shutter Speed Manual (1/3 ~ 1/300,00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N > 5568 Image Adjustment Video / Audo Video Compression H.264, H.265 Audio Compression Frame Rate Triple Stream (Video Bitrate: 32Kbps-16mbps) Network Protocols Transmission Stream Network Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTS,MTP,SNMP,IPV6 Compatibility ONVIF(PROFILE S, PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alam Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ Range Pan: 360* Endless Tilt: -15**90* Auto Flip Speed Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 250*		0.005 Edx @ 1 1.5 (CO101), 0.0005 Edx @ 1 1.5 (B) W)
Digital Zoom  16X Shutter Speed Manual (1/3 ~ 1/300,00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N > 55dB Image Adjustment Saturation, Brightness, Contrast, Sharpness, White Balance Video / Audio Video Compression H.264, H.265 Audio Compression G. 711A, G. 711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network  Protocols TCPIP_ICMP_HTTP_HTTPS_FTP_DHCP_DNS_RTP_RTSP_RTCP_N TP_SMTP_SNMP_IPV6 Compatibility ONVIE[PROFILE 5_PROFILE G], SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, VideoShelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, VideoShelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, VideoShelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, VideoShelter  255 Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface  Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Out, Alarm In Power Poet LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB) Ceneral IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply Ac 24 v ± 25% (3A Max) Max: 51W/26W (IR on/off) Web Language English Dimension Q223 mm x 372 mm Weight Operation Temp -45° Cto 70° C (44° F to158° F)		
Shutter Speed Manual (1/3 ~ 1/300,00), Auto Focus Control Auto, Semi-automatic, Manual D/N Control Customize, Auto, Color on, Color off S/N > 55dB Image Adjustment Saturation, Brightness, Contrast, Sharpness, White Balance Video / Audio Video Compression H.264, H.265 Audio Compression H.264, H.265 Audio Compression G. 711A, G. 711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network  Protocols TCPIP,ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, N TP, SMTP, SNMP, IPv6 Compatibility ONVIE(PROFILE S, PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, 5mart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360* Endless Tilt: -15**90* Auto Flip  Speed Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 250*/s Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface Network RJ45(10/10mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built- in Micro SD/SDHC/SDXC slot, up to (256GB)  Ceneral  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 v ± 25% (3A Max) Max: 51W/26W (IR on/off)  Web Language English  Dimension Q223 mm × 372 mm  Weight Surger Action of the protection of the protection of t		•
Focus Control D/N Control Customize, Auto, Color on, Color off S/N S5dB Saturation, Brightness, Contrast, Sharpness, White Balance Video / Audio Video Compression H.264, H.265 Audio Compression G.711A, G.711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Network  Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TS,MTP,SNMP,IPv6 Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection PTZ Range Pan: 360* Endless Tilt: -15*~90* Auto Flip Pan: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 200*/s Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power PoE LAN, DC/AC In Memory Slot Built- in Micro SD/SDHC/SDXC slot, up to (256GB) General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply BOL SUBJECT AND SERVER (Non Condensing) Operation Humidity Operation Humidity Operation Temp -45° C to 70° C (-49° F to 158° F)		
D/N Control S/N  > 5548 Image Adjustment  Saturation, Brightness, Contrast, Sharpness, White Balance Video / Audio Video Compression  H.264, H.265 Audio Compression  G.711A, G.711U Frame Rate  1920*1080@50/60fps; 720P@25/30fps Transmission Stream  Network  Protocols  TCPIP/ICMP_HTTP_HTTPS,FTP, DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPV6  Compatibility  ONVIF(PROFILE S,PROFILE G), SDK, API Streaming Method  Unicast, Multicast Web Viewer  Internet Explorer  Function  Recording  micro SD / SDHC / SDXC card (256g) NAS  Record Type All Intelligent Function  Event Action Email, Snapshot, Recording, Alarm Out Event  Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range  Pan: 360* Endless Tilt: -15*~90* Auto Flip  Pan: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 200*/s  Preset / Patrol  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back  Auto Pan-Tilt Correction  Buildin Heater  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  80.23bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Q223 mm × 372 mm  Weight  Operation Humidity  Operation Temp  -45* C to 70* C (-49* F to 158* F)	•	
Image Adjustment Video / Audio Video Compression H.264, H.265 Audio Compression H.264, H.265 Audio Compression G.711A, G.711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SNTP,SNMP,IPv6 Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording Micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection PTZ Range Pan: 360* Endless Tilt: -15**90* Auto Filip  Pan: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 200*/s Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm in Power PoE LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB) Ceneral IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 30.23 bt (PoE++)Max: 51W/26W (IR on/off) Web Language English Dimension U223 mm × 372 mm Weight 3.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F)	D/N Control	Customize, Auto, Color on, Color off
Video Compression Audio Compression G.711A, G.711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Network Protocols TCPIP.ICMP.HTTP.HTTPS,FTP.DHCP.DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPv6 Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection PTZ Range Pan: 360° Endless Tilt: -15**90° Auto Flip Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power PoE LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB) Ceneral IP Rating IP66, 6kV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 30.23 bt (PoE++) - Max: 51W/26W (IR on/off) POE Supply 30.23 bt (PoE++) - Max: 51W/26W (IR on/off) Web Language English Dimension  45° C to 70° C (-49° F to 158° F)	S/N	> 55dB
Video Compression Audio Compression G.711A, G.711U Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SNMP,IPV6 Compatibility ONVIF(PROFILE S, PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording Micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection PTZ Range Pan: 360° Endless Tilt: -15°~90° Auto Flip Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface Network RJA5(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power Poe LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB) General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 80.23 br (PoE++) -Max: 51W/26W (IR on/off) POE Supply 80.23 br (PoE++) -Max: 51W/26W (IR on/off) POE Supply Max Up to 95%RH(Non Condensing) Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F)	Image Adjustment	Saturation, Brightness, Contrast, Sharpness, White Balance
Audio Compression Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps) Network  TCPIP_ICMP_HTTP_HTTPS_FTP,DHCP_DNS_RTP_RTSP_RTCP_N TP_SMTP_SNMP_IPV6 Compatibility ONNIF(PROFILE S_PROFILE G), SDK, API Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function Recording micro SD / SDHC / SDXC card (256g) NAS Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ Range Pan: Manual from 0.1* to 180*/s; preset: 250*/s Tilt: Manual from 0.1* to 120*/s, preset: 200*/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol) Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional) Interface Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power Poe LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB) General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 80.2.3bt (PoE++) -Max: 51W/26W (IR on/off) POE Supply 80.2.3bt (PoE++) -Max: 51W/26W (IR on/off) Web Language English Dimension Ф223 mm × 372 mm Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F)	Video / Audio	
Frame Rate 1920*1080@50/60fps; 720P@25/30fps Transmission Stream Triple Stream (Video Bitrate: 32Kbps-16mbps)  Network  Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SMTP,SMTP,SMTP,SMTP,SMTP,SMTP,SM	Video Compression	H.264, H.265
Triple Stream (Video Bitrate: 32Kbps-16mbps)  Network  Protocols TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,N TP,SMTP,SMMP,IPV6  Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API  Streaming Method Unicast, Multicast Web Viewer Internet Explorer  Function  Recording micro SD / SDHC / SDXC card (256g) NAS  Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function  Event Action Email, Snapshot, Recording, Alarm Out  Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 80.2.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)	Audio Compression	·
Protocols  TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPV6  Compatibility  ONVIF(PROFILE S,PROFILE G), SDK, API  Streaming Method  Unicast, Multicast  Web Viewer  Internet Explorer  Function  Recording  micro SD / SDHC / SDXC card (256g) NAS  Record Type  Manual, Motion Detection, Smart Detection, Schedule  Alarm Triggers  All Intelligent Function  Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range  Pan: 360° Endless Tilt: -15°*90° Auto Flip  Speed  Tilt: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120'/s, preset: 200°/s  Preset / Patrol  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back  Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  80.2.3bt (PoE++) - Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Frame Rate	1920*1080@50/60fps; 720P@25/30fps
Protocols  TCPIP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPV6  Compatibility  ONVIF(PROFILE S,PROFILE G), SDK, API  Streaming Method  Unicast, Multicast  Web Viewer  Internet Explorer  Function  Recording  micro SD / SDHC / SDXC card (256g) NAS  Record Type  Manual, Motion Detection, Smart Detection, Schedule  Alarm Triggers  All Intelligent Function  Event Action  Email, Snapshot, Recording, Alarm Out  Event  Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range  Pan: 360° Endless  Tilt: -15°~90° Auto Flip  Speed  Pan: Manual from 0.1° to 180°/s; preset: 250°/s  Tilt: Manual from 0.1° to 120'/s, preset: 200°/s  Preset / Patrol  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back  Auto Pan-Tilt Correction  Build in Heater  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  Max Up to 95%RH(Non Condensing)  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Transmission Stream	Triple Stream (Video Bitrate: 32 Kbps-16mbps)
TP,SMTP,SNMP,JPv6  Compatibility ONVIF(PROFILE S,PROFILE G), SDK, API  Streaming Method Unicast, Multicast Web Viewer Internet Explorer  Function  Recording micro SD / SDHC / SDXC card (256g) NAS  Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function  Event Action Email, Snapshot, Recording, Alarm Out  Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC Slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) - Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) - Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)	Network	
Streaming Method Unicast, Multicast Web Viewer Internet Explorer Function  Recording micro SD / SDHC / SDXC card (256g) NAS  Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function  Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 180°/s; preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)	Protocols	
Web Viewer Function  Recording micro SD / SDHC / SDXC card (256g) NAS  Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off) Web Language English Dimension Ф223 mm × 372 mm Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F)	Compatibility	ONVIF(PROFILE S, PROFILE G), SDK, API
Function  Recording micro SD / SDHC / SDXC card (256g) NAS  Record Type Manual, Motion Detection, Smart Detection, Schedule  Alarm Triggers All Intelligent Function  Event Action Email, Snapshot, Recording, Alarm Out  Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s     Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Streaming Method	Unicast, Multicast
Record Type Manual, Motion Detection, Smart Detection, Schedule Alarm Triggers All Intelligent Function Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Web Viewer	Internet Explorer
Record Type  Manual, Motion Detection, Smart Detection, Schedule  Alarm Triggers  All Intelligent Function  Event Action  Email, Snapshot, Recording, Alarm Out  Event  Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range  Pan: 360° Endless  Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s  Tilt: Manual from 0.1° to 120°/s, preset: 250°/s  Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back  Auto Pan-Tilt Correction  Buildin Heater  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  D223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Function	
Alarm Triggers Event Action Email, Snapshot, Recording, Alarm Out Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power PoE LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 802.3bt (PoE++) - Max: 51W/26W (IR on/off) Web Language English Dimension  Ф223 mm × 372 mm  Weight 8.0 kg Operation Temp -45° C to 70° C (-49° F to 158° F) Guarantee	Recording	micro SD / SDHC / SDXC card (256g) NAS
Event Action Email, Snapshot, Recording, Alarm Out  Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension D223 mm × 372 mm  Weight 8.0 kg  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Record Type	Manual, Motion Detection, Smart Detection, Schedule
Event Smart Motion Detection, Video Shelter  Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°°90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Alarm Triggers	All Intelligent Function
Line Crossing, Area Intrusion, Unattended Object, Object Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection  PTZ  Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Speed Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Event Action	Email, Snapshot, Recording, Alarm Out
Intelligent Function       Missing, Region Entrance, Region Exiting, Fast Moving, Human Detection, Vehicle Detection         PTZ         Range       Pan: 360° Endless       Tilt: -15°~90° Auto Flip         Speed       Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s         Preset / Patrol       255 Presents, 8 patrols, (32 presets for each patrol)         Auto Back       Auto Pan-Tilt Correction         Buildin Heater       Build in heating system (CTC) (Optional)         Interface       Network         Network       RJ45(10/100mbps) Ethernet Port         Audio       Audio Out, Audio In         Alarm       Alarm Out, Alarm In         Power       PoE LAN, DC/AC In         Memory Slot       Built-in Micro SD/SDHC/SDXC slot, up to (256GB)         General       IP Rating         IP Rating       IP66, 6KV Surge Protection         Wiper       Rain-sensing wiper and Hydrophobic film on lens         Power Supply       AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)         POE Supply       802.3bt (PoE++) -Max: 51W/26W (IR on/off)         Web Language       English         Dimension       Ф223 mm × 372 mm         Weight       8.0 kg         Operation Temp       -45° C to 70° C (-49° F to158° F)	Event	Smart Motion Detection, Video Shelter
Range Pan: 360° Endless Tilt: -15°~90° Auto Flip  Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Intelligent Function	Missing, Region Entrance, Region Exiting, Fast Moving,
Pan: Manual from 0.1° to 180°/s; preset: 250°/s Tilt: Manual from 0.1° to 120°/s, preset: 250°/s Preset / Patrol  255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In Alarm Alarm Out, Alarm In Power PoE LAN, DC/AC In Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off) Web Language English Dimension  Ф223 mm × 372 mm Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F) Guarantee	PTZ	
Tilt: Manual from 0.1° to 120°/s, preset: 200°/s  Preset / Patrol 255 Presents, 8 patrols, (32 presets for each patrol)  Auto Back Auto Pan-Tilt Correction  Buildin Heater Build in heating system (CTC) (Optional)  Interface  Network RJ45(10/100mbps) Ethernet Port  Audio Audio Out, Audio In  Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Range	Pan: 360° Endless Tilt: -15°~90° Auto Flip
Auto Back  Buildin Heater  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Speed	
Build in Heater  Build in heating system (CTC) (Optional)  Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Preset / Patrol	255 Presents, 8 patrols, (32 presets for each patrol)
Interface  Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  D223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)  Guarantee	Auto Back	Auto Pan-Tilt Correction
Network  RJ45(10/100mbps) Ethernet Port  Audio  Audio Out, Audio In  Alarm  Alarm Out, Alarm In  Power  PoE LAN, DC/AC In  Memory Slot  Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to 158° F)	Buildin Heater	Build in heating system (CTC) (Optional)
Audio Audio Out, Audio In  Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)	Interface	
Alarm Alarm Out, Alarm In  Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection  Wiper Rain-sensing wiper and Hydrophobic film on lens  Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English  Dimension Ф223 mm × 372 mm  Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to 158° F)  Guarantee	Network	RJ45(10/100mbps) Ethernet Port
Power PoE LAN, DC/AC In  Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language English Dimension Ф223 mm × 372 mm  Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F) Guarantee	Audio	Audio Out, Audio In
Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off) POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off) Web Language English Dimension Ф223 mm × 372 mm Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to 158° F) Guarantee	Alarm	Alarm Out, Alarm In
Memory Slot Built-in Micro SD/SDHC/SDXC slot, up to (256GB)  General  IP Rating IP66, 6KV Surge Protection Wiper Rain-sensing wiper and Hydrophobic film on lens Power Supply AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply 802.3bt (PoE++) -Max: 51W/26W (IR on/off) Web Language English Dimension Ф223 mm × 372 mm Weight 8.0 kg Operation Humidity Max Up to 95%RH(Non Condensing) Operation Temp -45° C to 70° C (-49° F to158° F) Guarantee	Power	PoE LAN, DC/AC In
General  IP Rating  IP66, 6KV Surge Protection  Wiper  Rain-sensing wiper and Hydrophobic film on lens  Power Supply  AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)  POE Supply  802.3bt (PoE++) -Max: 51W/26W (IR on/off)  Web Language  English  Dimension  Ф223 mm × 372 mm  Weight  8.0 kg  Operation Humidity  Max Up to 95%RH(Non Condensing)  Operation Temp  -45° C to 70° C (-49° F to158° F)  Guarantee	Memory Slot	
IP Rating         IP66, 6KV Surge Protection           Wiper         Rain-sensing wiper and Hydrophobic film on lens           Power Supply         AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)           POE Supply         802.3bt (PoE++) -Max: 51W/26W (IR on/off)           Web Language         English           Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to158° F)           Guarantee	General	
Wiper         Rain-sensing wiper and Hydrophobic film on lens           Power Supply         AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)           POE Supply         802.3bt (PoE++) -Max: 51W/26W (IR on/off)           Web Language         English           Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to158° F)           Guarantee         Guarantee		IP66, 6KV Surge Protection
Power Supply         AC24 V ± 25% (3A Max) Max: 51W/26W (IR on/off)           POE Supply         802.3bt (PoE++) -Max: 51W/26W (IR on/off)           Web Language         English           Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to158° F)           Guarantee	Wiper	
POE Supply         802.3bt (PoE++) - Max: 51W/26W (IR on/off)           Web Language         English           Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to 158° F)           Guarantee		
Web Language         English           Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to 158° F)           Guarantee		
Dimension         Φ223 mm × 372 mm           Weight         8.0 kg           Operation Humidity         Max Up to 95%RH(Non Condensing)           Operation Temp         -45° C to 70° C (-49° F to 158° F)           Guarantee         -45° C to 70° C (-49° F to 158° F)		
Weight 8.0 kg  Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to158° F)  Guarantee		-
Operation Humidity Max Up to 95%RH(Non Condensing)  Operation Temp -45° C to 70° C (-49° F to158° F)  Guarantee		
Operation Temp -45° C to 70° C (-49° F to158° F) Guarantee		
Guarantee		
		2 Years factory Guarantee
		,

### ABOUT FENGTAIDA

Fengtaida is a pioneering and forward-looking manufacturer founded in 2009 in Shenzhen. We are a leading global provider of custom embedded ptz systems and custom Autofocus-zoom block camera and thermal image camera. In addition to our abilities in designing custom ptz system hardware, our software development expertise and our experience in efficient prototyping and manufacturing, we are supported by private custom housing and configuration capabilities and extensive testing facilities to provide a one-stop-shop for system design and build.

#### Skills and Capabilities at Fengtaida

#### System / Hardware design skills and capabilities

#### System level design

- Definition of the architecture, the logical and the physical design of the ptz cameras
- √ 3D mechanical design

#### Schematics & PCB design

- Component selection and optimal solution
- √ High-speed camera designs
- ✓ PCB board for ptz system
- ✓ Autofocus-zoom block camera
- ✓ multiple video output options

#### **Prototyping**

- ✓ Fast turn-around on PCB and assembly prototyping
- ✓ Fast turn-around on prototyping for mechanical parts
- ✓ Scale modelling using CAD data e.g. 3D printing (Rapid Prototyping)

#### Software development and applications

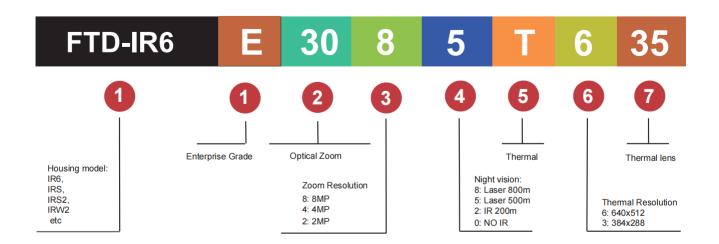
- ✓ Optical zoom modues system software
- ✓ optimal solution API design and implementation
- Application software for custom embedded systems
- Modification of firmware to suit specific applications
- ✓ Customized video Artificial intelligence Behavior analysis

### Manufacturing, testing and supply chain management

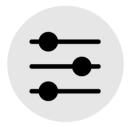
- ✓ Manufacturing of ptz cameras
- ✓ Inspection of each step and final system assembly
- ✓ Thorough testing of the final products managed
- ✓ Additional specialist test facilities
- ✓ Supply chain management and stock holding of all components



# ABOUT MODEL NAME



### WHY CHOOSE US



#### **Customized**

Customization enables easier integration into your security system and brings the ability to add custom functionality that is unique to your system.



#### ISO9001:2015

It helps products to improve performance and follow the globally recognized standard



#### Cybersecurity

To ensure a fully managed and secure end-to-end cybersecurity solution, Partners have full control product.



#### **Onvif Profile**

ONVIF Profile S, T, M and G compliance allows for easy integration with third-party cameras and VMS



#### 2 Year Warranties

We back our camera with a 2-year warranty for hardware.