

IRS2D

Outdoor IR/Laser High Speed dome

2 MP

4 MP

8MP



IRS2D Model



Features



Classified Object

Focuses on human and vehicle targets classification based on deep learning



Perimeter Protection

Line crossing, intrusion, region entrance, region exiting



60W PoE

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



Rain-sensing wiper

Adopted the wiper intelligently detect rain and remove water automatically



Thermal & Optical Lens

Equipped with high sensitivity light image or thermal image module camera



Better night view

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



Build in Glass Heater

Prevents the lens from fogging and ensures a clear picture



Smart Pan-Tilt Correction

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



Optical Image Stabilisation

Guarentees the stability and clarity of the image

Note:

- IRS2D Model can Support Installing Thermal image lens and laser Up to 1000 m (3,280.8ft)

8MP 38x High Speed dome

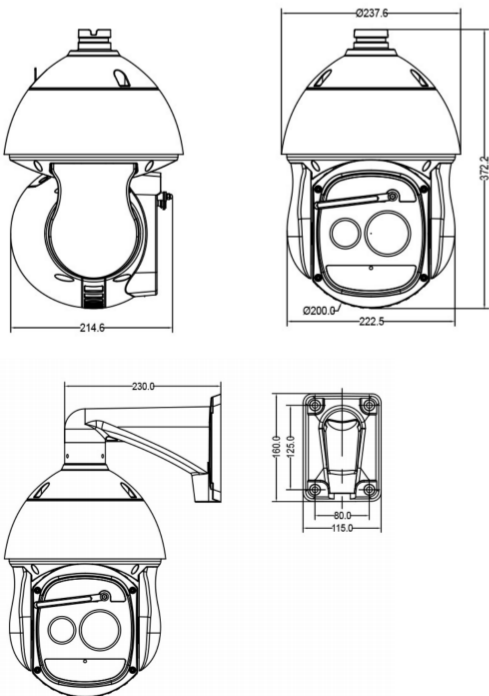
FTD-IRW2D-E3885



- 30 fps @ 3840x2160 (8MP)
- 38x Optical Zoom, Auto Focus
- 0.0005 Lux color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- **Optical Defog**

Dimensions:

(Unit - mm)



SPECIFICATIONS

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 ~ Tele)
Lens	38X Optical (6.5 to 247 mm) ; Auto Focus
Resolution	3840x2160 (8MP)
Night vision Range	Up to Laser 1000 m (Optional)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.005 Lux @ F1.5 (Color); 0 Lux with IR
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
Audio Compression	G-711A, G-711U
Frame Rate	3840*2160@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, 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
Intelligent Perimeter	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++) (Optional) -Max: 51W/26W (IR on/off)
Web Language	English
Dimension	Φ 223 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	
Product Guarantee	2 Years factory Guarantee

8MP 20x High Speed dome

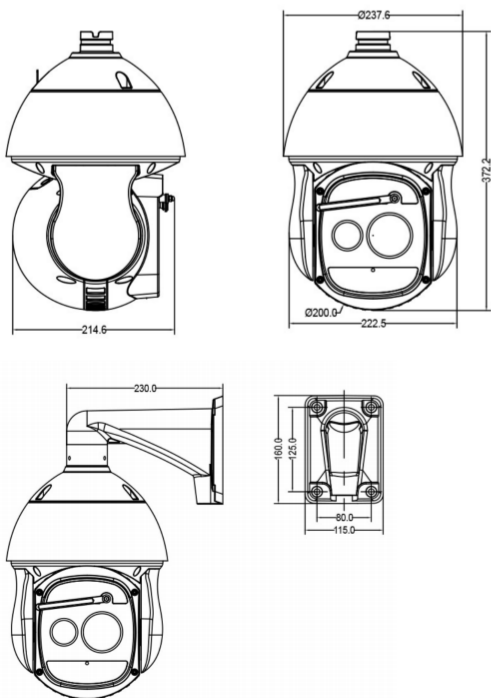
FTD-IRW2D-E2085



- 30 fps @ 3840x2160 (8MP)
- 20x Optical Zoom, Auto Focus
- 0.001 Lux color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	8MP Starlight Sony progressive scan CMOS (1/1.8)
Field of View	60.5° ~ 6.0° (Horizontal); 36.5° ~ 3.5° (Vertical)
Zoom Speed	3 Sec (Optics, Wide ~ Tele)
Lens	20X Optical (6.5~130mm); auto focus
Resolution	3840x2160 (8MP)
Night vision Range	Up to Laser 1000 m (Optional)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.005 Lux @ F1.5 (Color); 0.001 Lux with IR
Image	
Image Enhancement	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Electronic Defog
Digital Zoom	16X
Shutter Speed	Manual (1/25 ~ 1/100,000), 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
Audio Compression	G.711A, G.711U
Frame Rate	3840*2160@25/30fps; 1080P@25/30fps; 720P@25/30fps
Transmission Stream	Triple Stream (Video Bitrate: 32Kbps-16Mbps)
Network	
Protocols	TCP/IP, 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
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	Built 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	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	
Product Guarantee	2 Years factory Guarantee

4MP 38x High Speed dome

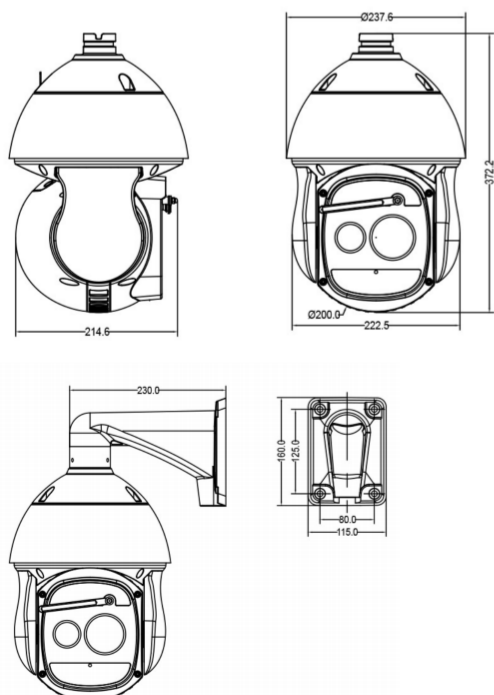
FTD-IRW2D-E3845



- 2688*1520@50/60fps
- 38x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- Optical Defog

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	4MP Starlight Sony progressive scan CMOS (1/1.8)
Field of View	61.5° ~ 1.8° (Horizontal); 37.5° ~ 1.05° (Vertical)
Zoom Speed	3 Sec (Optics, Wide ~ Tele)
Lens	38X Optical (6.5 to 247 mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	Up to Laser 1000 m (Optional)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.005 Lux @ F1.5 (Color); 0 Lux with IR
image	
image Enhancement	120 db 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: 32Kbps-16mbps)
Network	
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
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	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	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	
Product Guarantee	2 Years factory Guarantee

4MP 40x High Speed dome

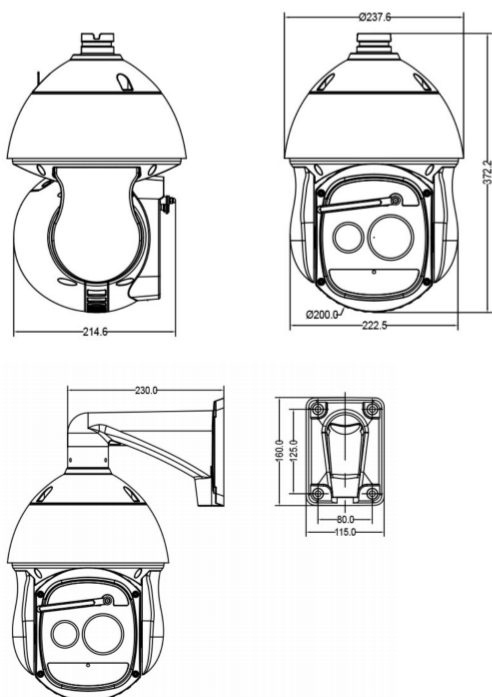
FTD-IRW2D-E4045



- 2688*1520@50/60fps
- 40x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing auto wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- **Built-in gyro sensor**

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	4MP 1/1.8" Ultra Starlight Sony CMOS
Field of View	59.5° ~ 2.0° (Horizontal); 35.8° ~ 1.1° (Vertical)
Zoom Speed	5 Sec (Optics, Wide ~ Tele)
Lens	40X Optical (6.6 to 240 mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	Up to 1000 m (Optional)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.35 (Color); 0 Lux with IR
Image	
Image Enhancement	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Electronic 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: 32Kbps-16mbps)
Network	
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
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	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	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	
Product Guarantee	2 Years factory Guarantee

4MP 30x High Speed dome

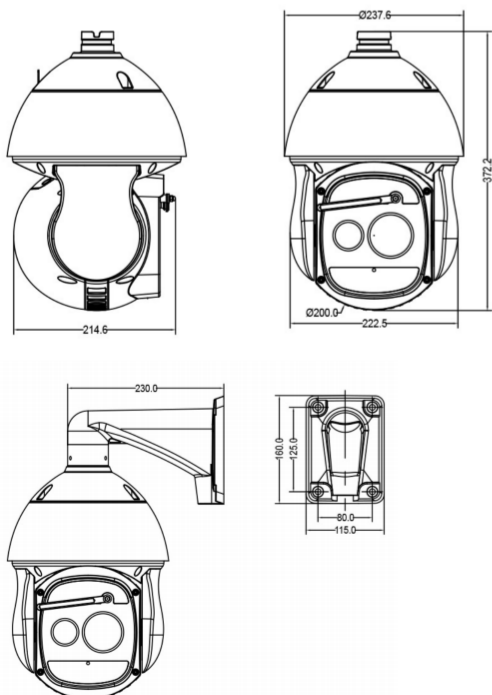
FTD-IRW2D-E3045



- 2688*1520@50/60fps
- 30x Optical Zoom, Auto Focus
- 1/1.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -15° to 90° (auto flip)
- Up to 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing auto wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- **built-in gyro sensor**

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	4MP 1/1.8" Ultra Starlight Sony CMOS
Field of View	57.62° ~ 3.92° (Horizontal); 33.8° ~ 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	Up to Laser 1000 m (Optional)
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.0005 Lux @ F1.8 (Color); 0 Lux with IR
image	
image Enhancement	120 WDR/ EIS, BLC, HLC, 2D/3D DNR, ROI, Electronic 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: 32Kbps- 16mbps)
Network	
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
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	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	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	
Product Guarantee	2 Years factory Guarantee

2MP 45x High Speed dome

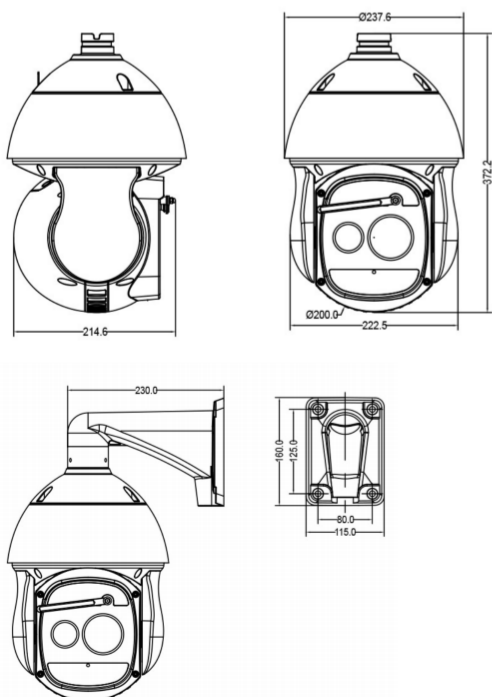
FTD-IRW2D-E4525



- 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 1000 m (Optional)
- Smart Pan-Tilt Correction
- Rain-sensing wiper & Hydrophobic film on lens
- Deep Learning Perimeter Protection
- **Optical defog/heat haze reduction**

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	2MP Starlight Sony progressive scan CMOS (1/2.8)
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	500m Laser light
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.005 Lux @ F1.5 (Color); 0 Lux
image	
image Enhancement	120 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	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, 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	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	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	
Product 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 modules 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

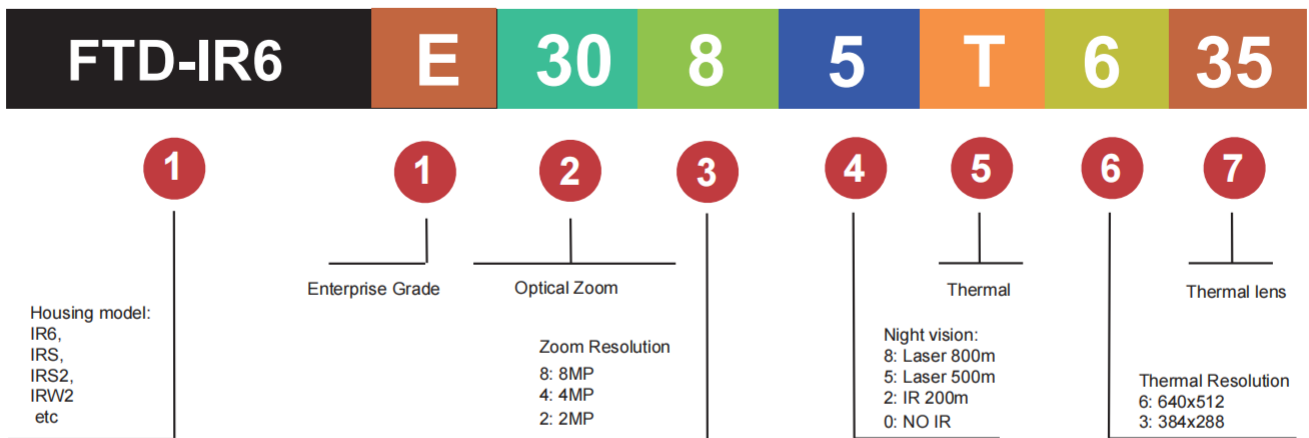
- ✓ Manufacturing of ptz cameras
- ✓ Inspection of each step and final system assembly
- ✓ Thorough testing of the final products managed
- ✓ Additional specialist test facilities
- ✓ Supply chain management and stock holding of all components



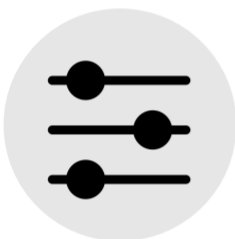
Navy Blue: Do things rigorously and rationally

Orange: Do things Passionately

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.



Cybersecurity

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



2 Year Warranties

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



ISO9001:2015

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



Onvif Profile

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