

FA3

Professional Series IP High Speed dome

2 MP

4 MP

8MP



Pendant PTZ



Indoor In-Ceiling

Features



Classified Object

Focuses on human and vehicle targets classification based on deep learning



Compatible with Lens

All in one system to match more camera module such as from 2m to 8m and 10X to 36x optical zoom



IP67 level

Made of aluminum alloy. IP67 rated, it is highly dustproof and corrosion resistant.



Perimeter Protection

Line crossing, intrusion, region entrance, region exiting



360° Endless rotation

Effectively security at every angle and allow you to get a clear view of any area



Micro-Step Technology

Micro-step technology enables precise, smooth and quiet camera control



Support PoE

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



Easy installation

Each part is molded one by one. Makes installation easier and maintenance faster



Indoor scenarios

installed with mount Bracket or in ceiling accessories in different detection area

8MP 20x High Speed dome

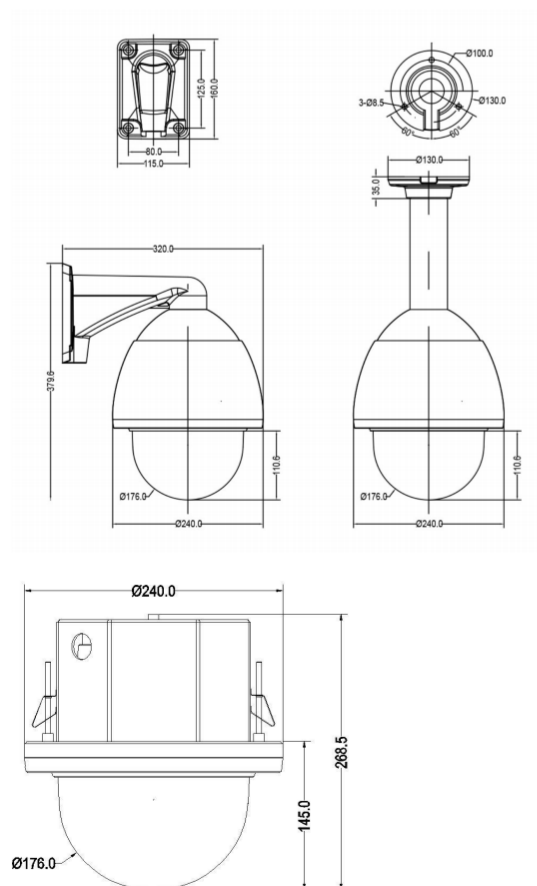
FTD-FA3-E2085



- 30 fps @ 3840x2160 (8MP)
- 20x Optical Zoom, Auto Focus
- 0.001 Lux color night with Premium Starlight
- 360° Continuous Pan, -10° to 90° (auto flip)
- Replacement Dome Cover
- 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	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	No IR
D/N Filter	IR Cut Filter Switch (ICR)
Min Illumination	0.001 Lux @ F1.8 (Color); <0.0005 Lux @ F1.8 (B/W)
image	
Image Enhancement	120db 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: -10°~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)
Power-off Memory	Support
Buildin Heater	Build in heating system (CTC)
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
Compatibility	Replacement Polycarbonate Dome Cover
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	Ø240 mm × 379.6 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 32x High Speed dome

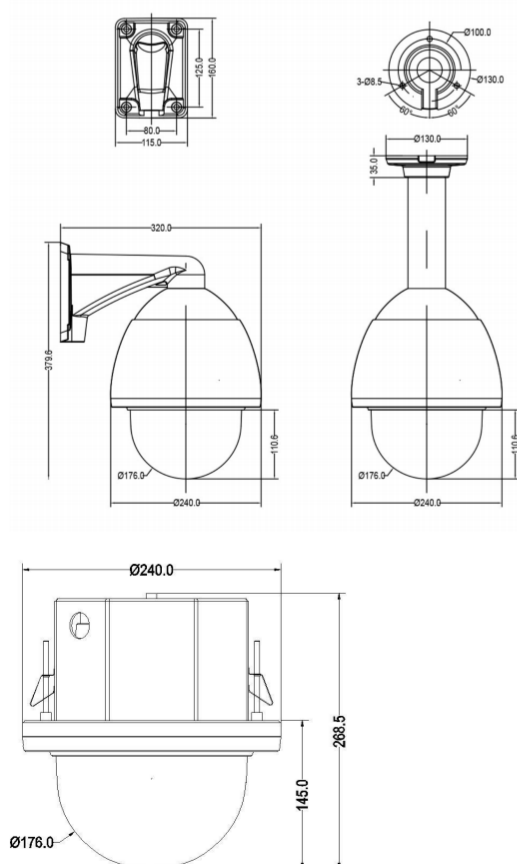
FTD-FA3-E3245



- 2688*1520@50/60fps
- 32x Optical Zoom, Auto Focus
- 1/2.9" Sensor color night with Premium Starlight
- 360° Continuous Pan, -10° to 90° (auto flip)
- Replacement Dome Cover
- Deep Learning Perimeter Protection

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	4MP Starlight Sony progressive scan CMOS (1/2.9)
Field of View	59.5° ~ 2.0° (Horizontal); 35.8° ~ 1.1° (Vertical)
Zoom Speed	5 Sec (Optics, Wide ~ Tele)
Lens	32X Optical (4.7~150mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	No IR
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, 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: -10°~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)
Power-off Memory	Support
Buildin Heater	Build in heating system (CTC)
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
Compatibility	Replacement Polycarbonate Dome Cover
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	Φ240 mm × 379.6 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 25x HighSpeed dome

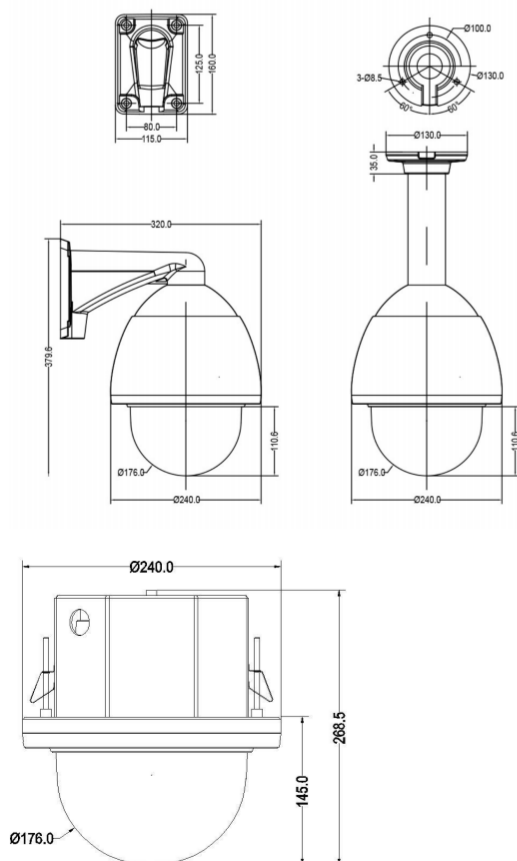
FTD-FA3-E2545



- 2688*1520@50/60fps
- 25x Optical Zoom, Auto Focus
- 1/2.9" Sensor color night with Premium Starlight
- 360° Continuous Pan, -10° to 90° (auto flip)
- Replacement Dome Cover
- Deep Learning Perimeter Protection

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	4MP Starlight Sony progressive scan CMOS (1/2.9)
Field of View	56.5° ~ 2.5° (Horizontal); 33.8° ~ 1.4° (Vertical)
Zoom Speed	4.5 Sec (Optics, Wide ~ Tele)
Lens	25X Optical (5 ~ 125mm); auto focus
Resolution	2688*1520 (4MP)
Night vision Range	No IR
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, 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: -10°~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)
Power-off Memory	Support
Buildin Heater	Build in heating system (CTC)
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
Compatibility	Replacement Polycarbonate Dome Cover
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	Φ240 mm × 379.6 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 32x High Speed dome

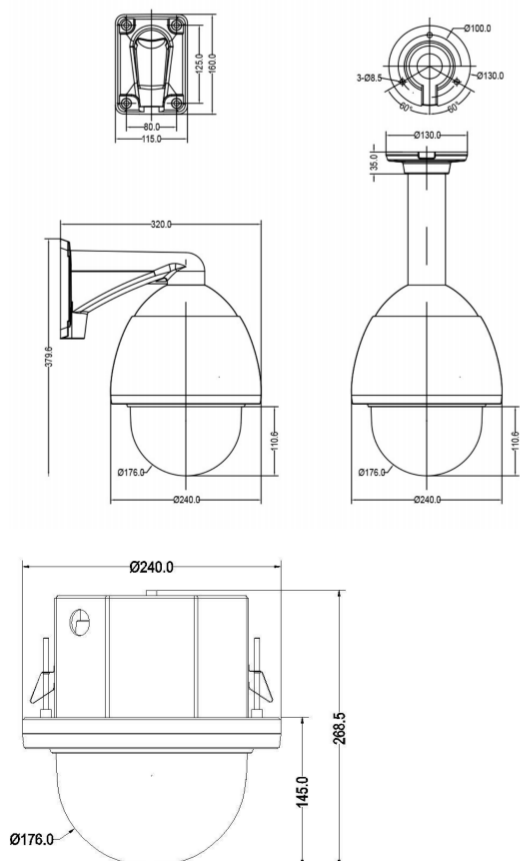
FTD-FA3-E3225



- 1920*1080@50/60fps
- 32x Optical Zoom, Auto Focus
- 1/2.8" Sensor color night with Premium Starlight
- 360° Continuous Pan, -10° to 90° (auto flip)
- Replacement Dome Cover
- Deep Learning Perimeter Protection
- human/vehicle/vessel classification

Dimensions:

(Unit - mm)



SPECIFICATIONS

Camera	
Image Sensor	2MP Starlight Sony IMX327 progressive scan CMOS (1/2.8)
Field of View	61.2° ~ 2.5° (Horizontal); 36.8° ~ 1.2° (Vertical)
Zoom Speed	3.5 Sec (Optics, Wide ~ Tele)
Lens	32X Optical (4.7~150mm); auto focus
Resolution	1920*1080(2MP)
Night vision Range	No IR
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, 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	1920*1080@60fps; 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: -10°~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)
Power-off Memory	Support
Buildin Heater	Build in heating system (CTC)
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
Compatibility	Replacement Polycarbonate Dome Cover
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	Ø240 mm × 379.6 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