

- »» FullHD resolution 18x optical zoom, 2 Megapixel
- »» Digital Wide Dynamic Range
- »» Adjustable Sense Up
- »» True Day/Night function
- »» 360° Continuous Pan and 180° Tilt
- »» Power over Ethernet
- »» 2-Way Audio
- »» H.264/ M-JPEG/ MPEG4 compression
- »» IP66 with -20°C ~ 60°C Temperature Range
- »» Micro SD card backup
- »» Triple Streaming
- »» Compatible with ONVIF standard



Technical features

Hardware

CPU:	ARM
RAM:	256MB
Flash:	16MB
Audio:	1in/1out (3.5mm Phone Jack)
Audio Compression:	G.711(64K) and G.726(32K,24K)
Alarm I/O:	4 in/ 1 out
Image Sensor:	1/ 3" 2Mpix CMOS
Lens Type:	18x Optical zoom (Auto focus zoom)
Digital Zoom:	16x
Focal Length:	f=4.7 to 103.4mm
Maximum Aperture:	F1.6 to F 3.1
Angle of View:	3.5° – 62.6° (horizontal) 2.0° - 39.2° (vertical)
Pan Angle:	360°
Tilt Angle:	10° ~ 170° Auto Flip
Maximum Speed:	200 °/s
Preset Accuracy:	< 0.15°
Preset Points:	256
Preset Focus Mode:	Auto / Manual
Patrol:	8 groups with 24 point
Auto Pan:	Yes
Sensitivity:	0.005 lux @F1.6 (B/W), 0.05 lux (Color)
Power over Ethernet:	Yes (IEEE802.3at)
Power:	24 VAC: Max 15.8W PoE: Max 16.1W
Dimensions :	330mm (H) x 219mm (Ø)
Operating Temperature:	-20°C ~ 60°C (without heater) -40°C ~ 60°C (with heater)
Storage Temperature:	-30°C ~ 60°C
Weight:	4500 g

Network

Ethernet: 10/ 100 Base-T

Network Protocol: IPv6, IPv4, HTTP, HTTPS, SNMP, QoS/DSCP, Access list, IEEE 802.1X, RTSP, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA

System

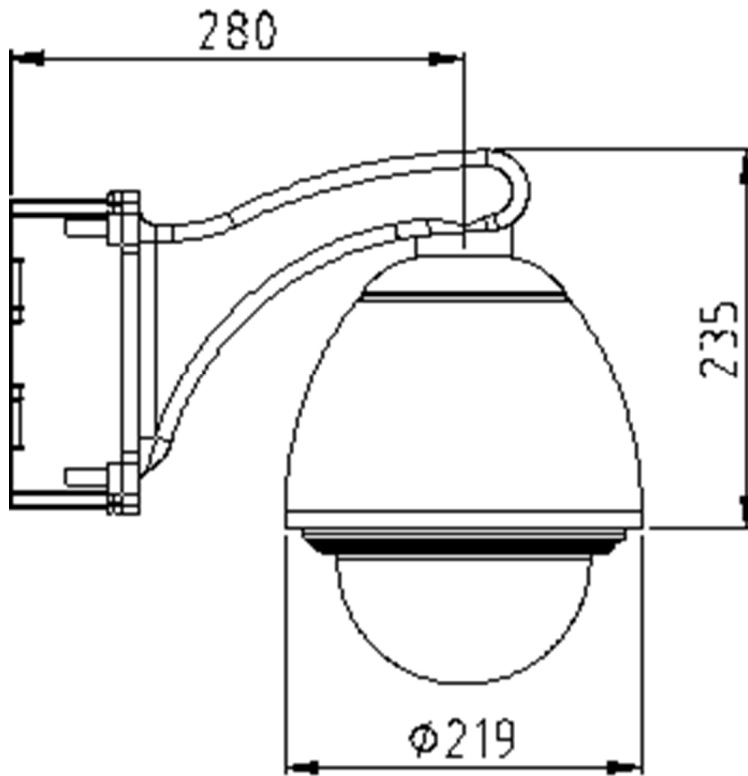
Video Resolution:	1920x1080@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps, 176x144@30fps
Video Adjust:	AES, BLC, D&N, AGC, Sense Up, 3D DNR, WDR, Flip, Mirror, R-Gain, B-Gain, Sharpness, DIS
Triple Streaming:	Yes
Image Snapshot:	Yes
Full Screen Monitoring:	Yes
Privacy Mask:	Yes, 3 different areas
Compression Format:	H.264/ M-JPEG / MPEG4
Video bitrates Adjust:	CBR, VBR
Motion Detection:	On/Off
Triggered Action:	Mail, FTP, Save to SD card, DO, SAMBA
Pre/ Post Alarm:	Yes, configurable
Security:	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection, QoS/DSCP
Firmware Upgrade:	HTTP mode, can be upgraded remotely
Simultaneous Connection:	Up to 10

SD Card Management

Recording Trigger:	Motion Detection, IP check, Network break down (wire only), Schedule, DI
Video Format:	AVI, JPEG
Video Playback:	Yes
Delete Files:	Yes
Mobile Support:	iOS 4.3 or above, Android 1.6 or above.

FullHD PTZ video streams in harsh conditions

The Full HD Outdoor IP PTZ dome camera FX-CPTZD-2M4-18Z16-O is suitable for professional video monitoring solutions. It has many advanced features including Patrol Mode, Digital Noise Reduction and Digital Wide Dynamic Range.



FX-CBR-PTZR
(200 mm)



FX-CBR-PTZW

+B

-Pole

-C-Out

-C-In

Part numbers

FX-CPTZD-2M4-18Z16-O

18x optical zoom + PoE

FX-CPTZD-2M4-18Z16-O-H

18x optical zoom + PoE + Heater

FX-CBR-PTZR

Roof mounting bracket for PTZ camera

FX-CBR-PTZW

Wall mounting bracket for PTZ camera

FX-CBR-PTZW+B

Wall mounting bracket with termination box for PTZ camera

FX-CBR-PTZW-Pole

Pole mounting for wall mounting bracket only

FX-CBR-PTZW-C-Out

Out corner mount bracket for wall mounting bracket only

FX-CBR-PTZW-C-In

In corner mount bracket for wall mounting bracket only