

- »» Full HD 1080P Real Time, 2 Megapixel
- »» 3D+2D Digital Noise Reduction
- »» Digital Wide Dynamic Range
- »» Adjustable Sense Up
- »» Day & Night Switch Time Control
- »» Built-in 15 Meter IR LED
- »» Power over Ethernet
- »» Video Output
- »» 2-way Audio
- »» H.264/ M-JPEG Compression
- »» SD Card Backup
- »» Compatible with ONVIF standard



### Technical features

#### Hardware

|                        |   |
|------------------------|---|
| CPU:                   | Multimedia SoC  |
| RAM:                   | 256MB   |
| Flash:                 | 16MB  |
| Image Sensor:          | 1/2.7" Mega-pixel CMOS Sensor   |
| Sensitivity:           | Color : 0.05 Lux (AGC ON)<br>B / W : 0.01 Lux (AGC ON)  |
| Lens Type:             | Vari-focal Lens 3-9 mm @ F1.8   |
| View Angle:            | 31.3°~104.5°(H), 17.1°~59.6°(V)   |
| ICR:                   | Mechanism IR cut Filter   |
| I/O:                   | 1 DI / 1 DO   |
| Video Output:          | Yes   |
| 3-Axis Adjustments:    | Pan: 172°, Tilt: 65°, Rotation: 360°  |
| Audio:                 | G.711(64K) and G.726(32K,24K) audio compression<br>Input : External Audio in<br>Output: External Line Out |
| Power over Ethernet:   | Yes   |
| Power Consumption:     | DC 12V Max: 3.96W(IR ON), 2.52W(IR OFF)<br>PoE Max: 5.28W(IR ON), 3.36W(IR OFF)                           |
| Operating Temperature: | 0°C ~ 45°C  |
| Dimensions:            | 132mm (∅)x 108mm (H)  |
| Weight:                | 680g  |
| IR LEDs:               | 18 units, 850nm   |
| LEDs IR Distance:      | 15M   |

#### 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, Bonjour |

#### System

|                          |   |
|--------------------------|---|
| Video Resolution:        | 1920x1080@30fps, 1280x720@30fps, 640x480@30fps, 320x240@30fps, 176x144@30fps  |
| Video Adjust:            | Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Shutter Time, Sense-Up, D-WDR, Anti Fog, Lens Distortion Correction, Flip, Mirror, Day&Night Adjustable, Red Gain and Blue Gain, Denoise |
| Triple Streaming:        | Yes   |
| Image Snapshot:          | Yes   |
| Full Screen Monitoring:  | Yes   |
| Privacy Mask:            | Yes, 3 different areas  |
| Compression Format:      | H.264/ M-JPEG   |
| Video bitrates Adjust:   | CBR, VBR  |
| Motion Detection:        | Yes, 3 different areas  |
| 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  |

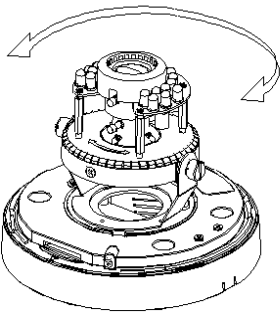
#### SD Card Management

|                    |  |
|--------------------|--|
| 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.                                  |

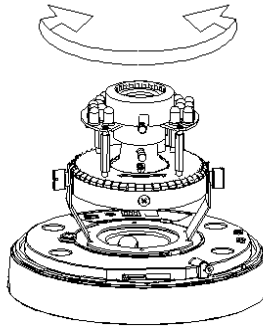
## Real time FullHD video streams

The real time Full High Definition fixed IP Dome camera FX-CFD-2M4-IR is suitable for indoor video monitoring. Camera has Digital Wide Dynamic Range (D-WDR) and 3D+2D Digital Noise Reduction (DNR) and it supports simultaneously streaming MJPEG and H.264 streams. It is available with 3 ~ 9mm megapixel varifocal auto iris lens and built-in 15 meter IR leds. 3-Axis Gimbal adjustment makes adjusting camera view easy.

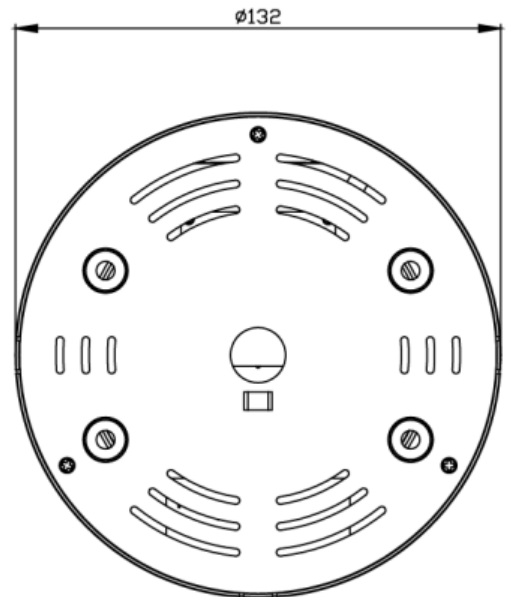
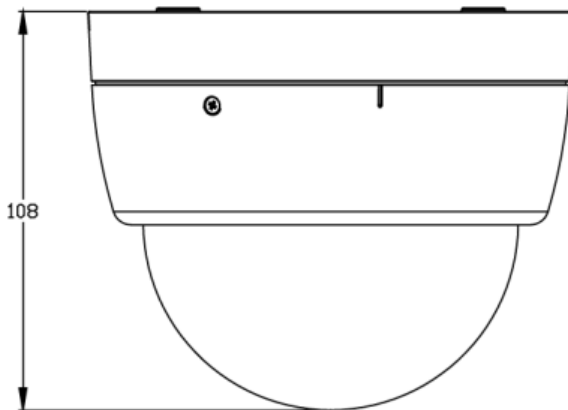
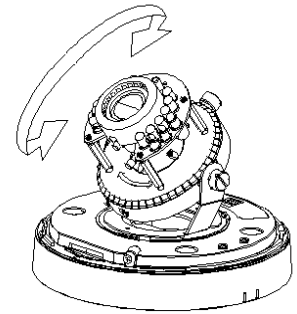
Pan: 172°



Rotation: 360°



Tilt: 65°



## Part number

**FX-CFD-2M4-IR**

Varifocal lens + PoE + 15m IR leds