

# RM-FE-6

## 6MP FISHEYE IP SECURITY CAMERA



### MAIN FEATURES

- 1/1.8” Progressive Scan CMOS
- 6MP High Resolution
- 360° View Angle
- Up to 10m IR Range
- Audio / Alarm I/O
- IP66 Weatherproof Rating
- Vandal-proof Design
- Built-in Micro SD Card Slot

| Camera                   |       |                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             |       | 1/1.8” Progressive Scan CMOS                                                                                                                                                                                                                                                                                          |
| Min. Illumination        |       | 0.05 Lux @ (F1.2, AGC ON), 0.3 Lux @ (F2.8, AGC ON), 0 Lux with IR                                                                                                                                                                                                                                                    |
| Shutter Speed            |       | 1/25(1/30)s ~ 1/100,000s                                                                                                                                                                                                                                                                                              |
| Lens                     |       | 1.27mm, F2.8; Angle of view: 180°(wall mount), 360°(ceiling mount)                                                                                                                                                                                                                                                    |
| Lens Mount               |       | M12                                                                                                                                                                                                                                                                                                                   |
| Day & Night              |       | ICR                                                                                                                                                                                                                                                                                                                   |
| Compression Standard     |       |                                                                                                                                                                                                                                                                                                                       |
| Video Compression        |       | H.264 /MJPEG                                                                                                                                                                                                                                                                                                          |
| H.264 Type               |       | Baseline Profile / Main Profile / High Profile                                                                                                                                                                                                                                                                        |
| Video Bit Rate           |       | 32 Kbps – 16 Mbps                                                                                                                                                                                                                                                                                                     |
| Audio Compression(-S)    |       | G.711/G.726/MP2L2/                                                                                                                                                                                                                                                                                                    |
| Audio Bit Rate           |       | 64Kbps(G.711) / 16Kbps(G.726) /64Kbps(MP2L2)                                                                                                                                                                                                                                                                          |
| Image                    |       |                                                                                                                                                                                                                                                                                                                       |
| Max. Resolution          |       | 3072 × 2408                                                                                                                                                                                                                                                                                                           |
| Live Mode                | Mode1 | 1×Fisheye + 1×Panorama + 3×PTZ                                                                                                                                                                                                                                                                                        |
|                          | Mode2 | 1×Fisheye or 4×PTZ                                                                                                                                                                                                                                                                                                    |
|                          | Mode3 | 1×Fisheye(main stream) + 1×Fisheye(sub stream) + 3×PTZ                                                                                                                                                                                                                                                                |
|                          | Mode4 | 1×Panorama(main stream) + 1×Panorama(sub stream)                                                                                                                                                                                                                                                                      |
| Frame Rate               | Mode1 | 50Hz: 1×fisheye (1280×1280, 12.5fps), 1×panoramic (2048×1536, 12.5fps), 3×PTZ (1024×768, 12.5fps)<br>60Hz: 1×fisheye (1280×1280, 15fps), 1×panoramic (2048×1536, 15fps), 3×PTZ (1024×768, 15fps)                                                                                                                      |
|                          |       |                                                                                                                                                                                                                                                                                                                       |
|                          | Mode2 | 50Hz: 1×fisheye (3072×2048/2048×2048, 25fps) or 4×PTZ (1024×768, 25fps)<br>60Hz: 1×fisheye (3072×2048, 25fps/2048×2048, 30fps) or 4×PTZ (1024×768, 30fps)                                                                                                                                                             |
|                          |       |                                                                                                                                                                                                                                                                                                                       |
|                          | Mode3 | 50Hz: 1×Fisheye(2048×2048, 12.5fps; 1024×1024, 25fps) + 1×Fisheye(720×720, 12.5fps) + 3×PTZ(1024×768, 12.5fps)<br>60Hz: 1×Fisheye(2048×2048, 15fps; 1024×1024, 25fps) + 1×Fisheye(720×720, 15fps) +3×PTZ(1024×768, 15fps)                                                                                             |
|                          |       |                                                                                                                                                                                                                                                                                                                       |
|                          | Mode4 | 50Hz:1×Panorama(2048×1536(ceiling or table)/1920×1080(ceiling or table) /2048×1536 (wall mount)/2048×768(wall mount), 25fps) + 1×Panorama(704×576, 25fps)<br>60Hz:1×Panorama(2048×1536(ceiling or table)/1920×1080(ceiling or table)/ 2048×1536(wall mount)/2048×768(wall mount), 30fps) + 1×Panorama(704×576, 30fps) |
|                          |       |                                                                                                                                                                                                                                                                                                                       |
| Digital Noise Reduction  |       | 3D DNR                                                                                                                                                                                                                                                                                                                |
| Image Setting            |       | Saturation, Brightness, Contrast, Hue, Sharpness, AGC, White Balance                                                                                                                                                                                                                                                  |
| Wide Dynamic Range       |       | Digital WDR                                                                                                                                                                                                                                                                                                           |
| Day/Night Switch         |       | Auto/Schedule/Alarm Trigger                                                                                                                                                                                                                                                                                           |
| ROI                      |       | Up to 4 fixed areas in each stream                                                                                                                                                                                                                                                                                    |
| Network                  |       |                                                                                                                                                                                                                                                                                                                       |
| Network Storage          |       | NAS (Support NFS,SMB/CIFS)                                                                                                                                                                                                                                                                                            |
| Alarm Trigger            |       | Line crossing detection, Intrusion detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception                                                                                                                                                         |
| Protocols                |       | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP<br>ONVIF(PROFILE S,PROFILE G), PSIA, CGI, ISAPI                                                                                                                                                                                                                |
| Security                 |       | User Authentication, Watermark, IP address filtering, Anonymous access                                                                                                                                                                                                                                                |
| Interface                |       |                                                                                                                                                                                                                                                                                                                       |
| Communication Interface  |       | 1 RJ45 10M/100M/1000M Ethernet interface; 1 RS485 interface(-S)                                                                                                                                                                                                                                                       |
| Audio Input              |       | 1 3.5mm audio interface, Mic in/Line in (-S); 1 built-in microphone by default, 24db                                                                                                                                                                                                                                  |
| Audio Output             |       | 1 3.5mm audio output interface (-S);<br>1 built-in speaker by default, support echo cancellation                                                                                                                                                                                                                      |
| Alarm Input(-S)          |       | 1                                                                                                                                                                                                                                                                                                                     |
| Alarm Output(-S)         |       | 1                                                                                                                                                                                                                                                                                                                     |
| On-board storage         |       | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB                                                                                                                                                                                                                                                                        |
| General                  |       |                                                                                                                                                                                                                                                                                                                       |
| Operating Conditions     |       | Indo Indoor: -10 °C – 50 °C (14 °F – 122 °F)<br>Outdoor: -30 °C – 60 °C (-22 °F – 140 °F)<br>Humidity 95% or less (non-condensing)                                                                                                                                                                                    |
| Power Supply             |       | 12 VDC ± 10% / PoE (802.3af)                                                                                                                                                                                                                                                                                          |
| Power Consumption        |       | Max. 12W                                                                                                                                                                                                                                                                                                              |
| IR Range                 |       | 15 meters                                                                                                                                                                                                                                                                                                             |
| Impact Protection        |       | -V: IEC60068-2-75Eh, 20J; EN50102, up to IK10                                                                                                                                                                                                                                                                         |
| Ingress Protection level |       | -V: IP66                                                                                                                                                                                                                                                                                                              |
| Dimensions               |       | 164x152.8x43.8mm(6.46”x6.02”x1.72”)                                                                                                                                                                                                                                                                                   |
| Weight                   |       | 1400g                                                                                                                                                                                                                                                                                                                 |