



# CC03-IP2MVFIR-M

## Explosion Proof IP Series



### Features

H.265 3 Megapixel CMOS Sensor  
 5.0~50mm Motorized Lens Max.  
 30fps @ 3MP (2048x1536)  
 Triple Stream (H.265, H.264, MJPEG)  
 39 Pc. IR Array – 20m Range CSA / FM  
 / ATEX / IEC Approvals  
 IP66 Waterproof / Dustproof

### System Integration

Protocols: HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP, and etc.

**Supports both ONVIF (Profiles) and PSIA(v1.0) standards**

### System Hardware

32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash

### Alarm Management

Trigger Conditions: Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule

### Enclosure Certifications

#### FM Approvals

Explosion-proof for Class I, Division 1, Groups B, C and D;  
 Dust ignition-proof for Class II/III, Division 1, Groups E, F and G, hazardous (classified) locations, indoors and outdoors (Type 4X/IP66)

#### CSA

Explosion-proof for Class I, Division 1, Groups B, C and D;  
 Dust ignition-proof for Class II/III, Division 1, Groups E, F and G, hazardous (classified) locations, indoors and outdoors (Type 4X/IP66)

#### ATEX

ATEX (FLAMEPROOF – DEMKO)

II 2G Ex d IIB+H2

II 2D Ex tD A20

IP66

#### IEC

IECEX (FLAMEPROOF – UL)

Ex d IIB+H2

IP66

EN60079-0, EN60079-1

EN61241-0, EN61241-1

EN60529

IEC60079-0 & IEC60079-1

IEC60529

Specifications	CC03MIP2MVFIR-M
Video Encoding	h.265 ,H.264/MJPEG(simultaneous dual stream)
	H.264/H.264 (true H.264 dual streaming)
	Simultaneous streaming with independent control
Resolution	2048x1536/1920x1080, 1280x720,640x352, 320x176, 160x96
Serial Interface	Console, By-pass command to control UART device
Bandwidth Management	Frame rate control / Bandwidth control / CBR / VBR
External Interface	10/100-Base-T Ethernet (auto-sensing), 1 DI/DO(3.3V TTL),
Image Sensor	1/2.9" progressive scan CMOS
	Total number of pixels: 2000Hx1241V=2.48M
	Pixel size : 2.5 8 (H) μm × 2.5 8 (V) μm
	Color filter Bayer arrangement of primary colors: R, G, B
	Bit number of internal ADC: 10/12 bits
	Parallel output: 37.125 MHz, 10/12 bits
Image Controls	Maximum frame rate in all-pixel scan mode: 60/30 fps
	Day & Night (Auto/B&W/Off), AWB, Noise Filter (Off/On),
Illumination	0.0016 Lux
Lens / IR	3.5~16mm Varifocal Lens / 39 Pc IR LED - 20m Range
Housing	Epoxy Coated Die Cast Aluminum (Copper Free)
Power	POE or 12V DC (4.8W Max. Consumption)
Color	Pantone 293 Blue
Ground Screws	Internal & External
Cover Set Screw	Tamper Resistant Cover Set Screws
O Ring	Buna N
Conduit Connections	2 x 3/4" NPT Standard Connections
External Mounting Holes	2 x 0.33in / 8.4mm
Dimensions (H x W)	4.86 x 5.65 inches / 12.4 x 14.4 cm
Weight	5 lbs (2.27 kg)
Operation Temp.	-20C ~ 50C (-4F – 122F)