

CC03-TV2MVFIR

Explosion Proof Series



Features

- Certified Explosion Proof Enclosure
- 1/3" 2 MegaPixel CMOS Sensor
- HD-TVI 1080P / 30 FPS Real Time
- 2.8 ~ 12mm Varifocal Auto-Iris Lens
- Copper Free Aluminum Housing
- CSA / FM / ATEX / IEC Approvals
- IP66 Waterproof / Dustproof

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

II 2 G D, Ex d IIC, Ex tD A21, IP68, Ta = -40°C to +85°C

IEC EX

Ex d IIC, Ex A21 tD, IP68, Ta = -40°C to +85°C

Optional Vibration Mount



Camera Specifications	CC03-TV2MVFIR
Image Sensor	1/3" 2 MegaPixel CMOS Sensor
Resolution / Frame Rate	1944(H) x 1092(V) pixels @ 30FPS
Lens	2.8~12.0mm Auto Iris Lens
Minimum Illumination	1.0Lux(Color) , 0.5Lux(BW) , 0.02Lux (Sens-up x30)
Day/Night Function	Auto / B.W / Color / EXT (Selectable)
Infrared	44 Piece IR Array
IR Range	Approx. 60 Feet
S/N Ratio	More than 50 dB (AGC Off)
Electronic Shutter	Auto (1/30sec ~ 1/50,000sec)
Sync System	Internal
Video Output	TVI: 1080P(1920 X 1080) / CVBS : 700TVL (No WDR)
Noise Reduction	2DNR / 3DNR(SMART NR)
Backlight Compensation	WDR / BLC / HSBC / Off
Sens-up	Auto / Off (x2 ~ x30)
White Balance	AWB / AWC-Set / Manual / Indoor / Outdoor
Digital Effects	Freeze / Mirror / D-Zoom / Smart D-Zoom / NEG.Image
On-Screen Display	Built-In
D-Zoom / Smart D-Zoom	On / Off (x2.0 ~ x62)
Power	12V DC / 500mA Max. Consumption (IR On)
Operation Temp.	-40F ~ 122F (-40C ~ 50C)
Housing Specifications	
Construction	Powder Coated Coated Die Cast Aluminum (Copper Free)
Color	Deep 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 Mounts	2 Mounting Feet
Dimensions (H x W)	4.54 x 5.00 inches / 11.5 x 12.7 cm
Weight	4.2 lbs (1.91 kg)