

TDOECS860MA

4K HDCVI IR EYEBALL CAMERA



FEATURES:

- 120dB True WDR, 3D NR
- Max. 4K resolution
- CVI/CVBS/AHD/TVI switchable
- Auto focus, 2.7-13.5mm motorized lens
- Built-in mic (-A)
- Max. IR length 197ft, Smart IR
- IP67, 12V±30%DC

Specifications:

Model		TDOECS860MA			
Camera					
Image Sensor		1/2.7" CMOS			
Effective Pixels		3840(H)×2160(V), 4K			
Electronic Shutter Speed		PAL: 1/3s~1/100,000s NTSC: 1/4s~1/100,000s			
Minimum Illumination		0.03Lux/F1.7, 30IRE, 0Lux IR on			
IR Distance		Up to 197ft			
IR On/Off Control		Auto / Manual			
IR LED Number		2			
Pan/Tilt/Rotation Range		Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°			
Lens					
Lens Type		Motorized vari-focal			
Mount Type		Φ14			
Focal Length		2.7mm–13.5mm			
Max Aperture		F1.7			
Angle of View		Horizontal: 105°–33° Vertical: 56°–18° Diagonal: 126°–38°			
Iris Type		Fixed Iris			
Auto Focus		Yes			
Close Focus Distance		0.8m (2.62ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	Wide-angle	90m (295ft)	36m (118ft)	18m (59ft)	9m (30ft)
	Telephoto	264m (866ft)	264m (866ft)	53m (174ft)	26m (85ft)
Video					
Video Frame Rate		CVI: 4K@15fps; 5M@20fps; 4M@25fps/30fps CVBS: PAL/NTSC AHD: 4K@15fps; 5M@20fps; 4M@25fps/30fps TVI: 4K@15fps; 5M@20fps; 4M@25fps/30fps			
Resolution		4K (3840×2160); 5M (2592×1944); 4M (2560×1440); 960H (960×576/960×480)			
Day/Night		Auto switch by ICR			
BLC		BLC / HLC / WDR			
WDR		120dB/WDR			
White Balance		Auto / Manual			
Gain Control		Auto / Manual			
Noise Reduction		2D & 3D NR			

Smart IR	Yes
Electronic Defog	Yes
Digital Zoom	4x
Mirror	Off/On
Privacy Masking	Off/On (8 area, rectangle)
Certifications	
Certifications	CE (EN55032, EN55024, EN50130-4) FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
Port	
Audio Port	One channel built-in mic (-A)
Video Port	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12V±30%DC
Power Consumption	Max. 7.8W (12V DC, IR on)
Environmental	
Operating Temperature	-30°C~+60°C (-22°F~+140°F); <95% (non-condensation)
Storage Temperature	-30°C~+60°C (-22°F~+140°F); <95% (non-condensation)
Protection Grade	IP67
Structure	
Casing	Metal throughout the whole casing
Dimensions	Φ122mm×104.8mm (Φ4.80"×4.13")
Net Weight	0.58kg (1.28lb)
Gross Weight	0.73kg (1.616lb)

Accessories:

Optional:



PFA130-E
Junction box
(For use alone)



PFB203W
Wall mount
(For use alone or with
PFA152 pole mount)



PFA152-E
Pole mount
(For use with PFB203W
wall mount)



PFM800-4K
Passive Video Balun



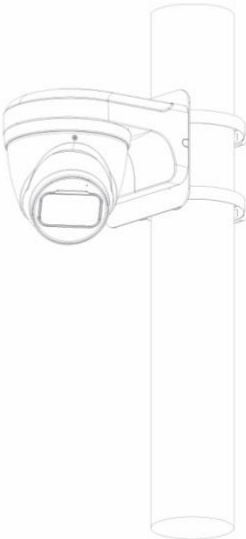
PFM800B-4K
Passive Video Balun



PFM320D-015
12V 1.5A Power Adapter



PFM300
12V 2A Power Adapter

Junction Mount	Pole Mount
PFA130-E	PFB203W+PFA152-E
	
Wall Mount	
PFB203W	
	

Dimensions:

