

CMHT2582W-28F

Turret Fixed Lens HD-TVI Camera



This Series features a wide range of advanced technologies such as 3D NR, 120 dB True WDR and Starlight, providing various solutions for different application scenarios. It can offer 4 signals over one coaxial cable, high-quality imaging, long-distance transmission and simplified configuration. The combination of low cost and high performance of the Lite Series make it an ideal choice for residential and small-to-medium size business applications.

Product Highlights

- Outputs max. 4K (3840 × 2160) @ 15 fps
- 1/2.7" CMOS image sensor
- 2.8 mm fixed lens
- Built-in IR LED, IR range up to 40 m
- TVI / AHD / CVI / CVBS switchable port
- 12 V DC power supply
- IP67 protection rating

Specifications

Camera	
Image Sensor	1/2.7"8 Megapixel progressive CMOS
Min. Illumination	0.02 lux / F2.0, 30 IRE, 0 lux IR on
Shutter	Electronic 1/4 - 1/100, 000 sec.
S/N Ratio	> 65 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto (ICR) / Color / B & W
Angle Adjustment	Pan: 0° - 360°; Tilt: 0° - 78°; Rotation: 0° - 360°
Lens Type	Fixed-focal length 2.8 mm @ F2.0
Iris Type	Fixed
Field of View	Horizontal: 106°; Vertical: 56°; Diagonal: 125°
Close Focus Range	1.3 m (4.27 ft)
DORI	Detect: 288.71 ft (88.0 m); Observe: 115.49 ft (35.2 m); Recognize: 57.74 ft (17.6 m); Identify: 28.87 ft (8.8 m)
Illuminator	2 (IR LED)
Illumination Range	131.23 ft (40 m)
Illuminator Control	Auto / Manual
Video	
Video Frame Rates	TVI: 4K @ 15 fps, 4 MP @ 30 fps AHD: 4K @ 15 fps CVI: 4K @ 15 fps, 4 MP @ 30 fps CVBS: 960H
Resolution	TVI: 4K (3840 × 2160), 4 MP (2560 × 1440) AHD: 4K (3840 × 2160) CVI: 4K (3840 × 2160), 4 MP (2560 × 1440) CVBS: 960H (960 × 576 / 960 × 480)
Backlight Compensation	BLC / HLC / WDR
White Balance	Auto; Area White Balance
Mirror	Supported
Smart Illumination	Supported
Gain Control	Auto / Manual
Interface	
Video Output	Video output choices of TVI / AHD / CVI / CVBS by one BNC port (DIP Switch)
General	
Power Supply	12V DC ± 30%
Power Consumption	Max 6 W (12 V DC, IR on)
Protection Grade	IP67
Dimensions	φ 4.17 × 3.69 in. (φ 106.0 × 93.6 mm)
Operating Conditions	-40° to 140° F (-40° to 60° C); humidity: < 95% (non-condensing)
Storage Conditions	-40° to 140° F (-40° to 60° C); humidity: < 95% (non-condensing)
Net Weight	1.08 lbs (0.49 kg)
Certification	FCC

Dimensions (mm[inch])

mm [inch]

