


CMHT2552-28F

Turret Fixed Lens HD-TVI Camera



Product Highlights



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

- Outputs max. 5MP(2592 × 1944)@20fps
- 1/2.7" CMOS image sensor
- 2.8mm fixed lens
- Built-in IR LED, max. IR distance: 40 m
- TVI/AHD/CVI/CVBS switchable
- 12V DC power supply
- IP67 protection

Specifications

Camera	
Image Sensor	1/2.7" 5 Megapixel progressive CMOS
Min. Illumination	0.02 lux / F2.0, 30 IRE, 0 lux IR on
Shutter	Electronic 1/30 - 1/100,000 sec.
S/N Ratio	> 65 dB
Noise Reduction	2D NR
Wide Dynamic Range	DWDR
Day & Night	Auto (ICR) / Color / B & W
Angle Adjustment	Pan: 0° - 360°; Tilt: 0° - 78°; Rotation: 0° - 360°
Lens Type	Fixed-focal 2.8 mm @ F2.0
Iris Type	Fixed
Field of View	Horizontal: 99°; Vertical: 72°; Diagonal: 132°
Close Focus Range	Approx. 2.5 ft (0.8 m)
DORI	Detect: 183.72 ft (56.0 m); Observe: 73.49 ft (22.4 m); Recognize: 36.74 ft (11.2 m); Identify: 18.37 ft (5.6 m)
Illuminator	2 (IR LED)
Illumination Range	Approx. 130 ft (40 m)
Illuminator Control	Auto / Manual
Video	
Video Frame Rates	TVI: 5 MP @ 20 fps, 4 MP @ 30 fps AHD: 5 MP @ 20 fps CVI: 5 MP @ 20 fps, 4 MP @ 30 fps CVBS: 960H
Resolution	TVI: 5 MP (2592 × 1944); 4 MP (2560 × 1440) AHD: 5 MP (2592 × 1944) CVI: 5 MP (2592 × 1944); 4 MP (2560 × 1440) CVBS: 960H (960 × 576 / 960 × 480)
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto / Manual
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	12 V DC ± 30%
Power Consumption	Max. 5.2 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]

