

CMHT2552-28F



This Series adopts a wide range of advanced technologies such as 3D NR, 120dB True WDR and Starlight, providing various solutions for different application scenarios. It can offer 4 signals over 1 coaxial cable, high-quality image, long-distance transmission and simplified configuration. The characteristics of low cost and high performance of Lite Series make it an ideal choice for residential and small-medium business applications.

Product Highlights

- 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" 5Megapixel progressive CMOS
Min. Illumination	0.02 lux/F2.0, 30 IRE, 0 lux IR on
Shutter	Electronic 1/30 s–1/100,000 s
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 2.8mm@F2.0
Iris Type	Fixed
Field of View	Horizontal: 99°; Vertical: 72°; Diagonal: 132°
Close Focus Range	0.8 m (2.62 ft)
DORI	Detect: 56.0m (183.72 ft); Observe: 22.4m (73.49 ft); Recognize: 11.2m (36.74 ft); Identify: 5.6m (18.37 ft)
Illuminator	2 (IR LED)
Illumination Range	40 m (131.23 ft)
Illuminator Control	Auto/Manual
Video	
Video Frame Rate	TVI: 5M@20 fps, 4M@30 fps AHD: 5M@20 fps CVI: 5M@20 fps, 4M@30 fps CVBS: 960H
Resolution	TVI: 5M (2592 × 1944); 4M (2560 × 1440) AHD: 5M (2592 × 1944) CVI: 5M (2592 × 1944); 4M (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	12V DC ± 30%
Power Consumption	Max 5.2 W (12V DC, IR on)
Protection Grade	IP67
Dimensions	φ106.0 mm × 93.6 mm (φ4.17" × 3.69")
Operating Conditions	–40 °C to +60 °C (–40 °F to +140 °F); humidity: < 95% (non-condensation)
Storage Conditions	–40 °C to +60 °C (–40 °F to +140 °F); humidity: < 95% (non-condensation)
Net Weight	0.49 kg (1.08 lb)
Certification	FCC

Dimensions (mm[inch])

