

CMHT2552-28CF



Product Highlights

This Series adopts advanced lens and high-performance sensor to provide colorful images in complete darkness. It can offer 4 signals over 1 coaxial cable, 24/7 color monitoring, long-distance transmission and advanced 3D NR. The application of high-end full-color technology used by this series make it an ideal choice for collecting clear and vivid information which can be used for further intelligent analysis.

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

Specifications

Camera	
Image Sensor	1/2.7" 5Megapixel progressive CMOS
Min. Illumination	0.001 lux/F1.0, 0 lux Warm Light 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	Color
Angle Adjustment	Pan: 0°–360°; Tilt: 0°–78°; Rotation: 0°–360°
Lens Type	Fixed-focal 2.8mm@F1.0
Iris Type	Fixed
Field of View	Horizontal: 98°; Vertical: 71°; Diagonal: 129°
Close Focus Range	1.6 m (5.25 ft)
DORI	Detect: 67.4 m (221.13 ft); Observe: 27.0m (88.58 ft); Recognize: 13.5m (44.29 ft); Identify: 6.7m (21.98 ft)
Illuminator	2 (Warm light)
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 5.3 W (12V DC, warm light 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])

