

# CMHT2552-28CF

## Platinum Color 24/7 HD-TVI Turret Camera



This turret features advanced lenses and high-performance sensors to provide colorful images in complete darkness. It can transmit four signals over one coaxial cable, 24/7 color monitoring, long-distance transmission and advanced 2D NR. The application of high-end full-color technology used by this series makes it an ideal choice for collecting clear and vivid information which can be used for further intelligent analysis.



### Product Highlights

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

## Specifications

Camera	
Image Sensor	1/2.7" 5 MP progressive scan CMOS
Min. Illumination	0.001 lux / F1.0, 0 lux supplemental light on
Shutter	Electronic 1/30 – 1/100, 000 sec.
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 length 2.8 mm @ F1.0
Iris Type	Fixed
Field of View	Horizontal: 98°; Vertical: 71°; Diagonal: 129°
Close Focus Range	5.25 ft (1.6 m)
DORI	Detect: 221.13 ft (67.4 m); Observe: 88.58 ft (27.0 m); Recognize: 44.29 ft (13.5 m); Identify: 21.98 ft (6.7 m)
Illuminators	2 (Warm supplemental light)
Illumination Range	131.23 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: 960 H
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: 960 H (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 5.3 W (12 V DC, supplemental light 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-condensation)
Storage Conditions	-40° to 140° F (-40° to 60° C); humidity: < 95% (non-condensation)
Net Weight	1.08 lbs (0.49 kg)
Certifications	FCC

Dimensions (mm [in.])

