

DS-2CE59U7T-AVPIT3ZF

4K Ultra Low Light Vandal Motorized Varifocal Dome Camera



- 4K high performance dome camera
- Strong night performance, capturing images in ultra-low light down to 0.003 lux
- Clear imaging even against strong back lighting due to 130 dB true WDR technology
- 3D DNR technology delivers clean and sharp images
- Lens focuses automatically when zooming in or out
- EXIR 2.0: advanced infrared technology with 60 m IR distance
- Water and dust resistant (IP67) and vandal proof (IK10)
- 4 in 1 (4 signals switchable TVI/AHD/CVI/CVBS)

▪ Specification

Camera	
Image Sensor	8.29 MP progressive scan CMOS
Max. Resolution	3840 (H) × 2160 (V)
Min. Illumination	Color: 0.003 Lux@(F2.4, AGC ON), 0 Lux with IR
Shutter Time	PAL: 1/12.5 s to 1/50,000 s; NTSC: 1/15 s to 1/50,000 s
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Lens	
Lens Type	Varifocal lens, motor-driven lens, 2.7 mm to 13.5 mm
Focal Length & FOV	Horizontal FOV 108.1° to 45.6°
Lens Mount	Φ14
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 60 m
Smart Supplement Light	Yes
Image	
Image Settings	Brightness, Mirror, Smart IR, Sharpness, AGC
Frame Rate	TVI: 8MP@12.5fps, 8MP@15fps, 5MP@20fps, 4MP@25fps, 4MP@30fps, 2MP@25fps, 2MP@30fps CVI: 8MP@12.5fps, 8MP@15fps AHD: 8MP@12.5fps, 8MP@15fps CVBS: 960H P/N
Day/Night Mode	Auto/Color/BW (Black and White)
Wide Dynamic Range (WDR)	≥130 dB
Image Enhancement	WDR, BLC
Noise Reduction	3D DNR
White Balance	Auto/Manual
Interface	
Video Output	1 HD analog output
General	
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC Max. 8.2 W
Material	Metal
Dimension	Ø 145.2 mm × 124.1 mm (Ø 7.1" × 4.9")
Weight	Approx. 640 g (1.41 lb.)
Operating Condition	-40 °C to 60 °C (-40 °F to 140 °F), humidity: 90% or less (non-condensation)
Communication	HIKVISION-C
Approval	
Protection	IP67, IK10

▪ Available Model

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▪ **Accessory**

▪ **Optional**

SRS Water-proof	WML+PC140 Wall mount	CPM+PC140 Pendant Mount	PM Vertical pole mount	RCM-2 In-ceiling mount
				
CM Corner mount	ABL Inclined ceiling mount	SRSL Water-proof		
				

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com



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