

DS-2CE19U7T-AIT3ZF
4K Ultra Low Light Motorized Varifocal Bullet Camera



- 8 MP high performance bullet 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 80 m IR distance
- Water and dust resistant (IP67)
- 4 in 1 (4 signals switchable TVI/AHD/CVI/CVBS)

▪ Specification

Camera	
Image Sensor	8.29 megapixel 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 360°; Tilt: 0° to 90°; Rotate: 0° to 360°
Signal System	PAL/NTSC
Lens	
Lens Type	2.7 mm to 13.5 mm motorized varifocal lens
Focal Length & FOV	108.1° to 45.6°
Lens Mount	Φ14
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 80 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	Switchable TVI/AHD/CVI/CVBS, 1 HD analog output
General	
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC, max. 10.8W
Material	Metal
Dimension	84.5 mm × 92 mm × 255.1 mm (3.33" × 3.62" × 10")
Weight	Approx. 925 g (2.04 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

▪ Available Model

DS-2CE19U7T-AIT3ZF(2.7-13.5mm)

- **Accessory**
- **Optional**

CBS Junction Box	CM Corner Mount	PM Vertical Pole Mount
		

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