

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 | ∅ 145.2 mm × 124.1 mm (∅ 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

DS-2CE59U7T-AVPIT3ZF(2.7-13.5mm)

▪ **Accessory**

▪ **Optional**

| DS-1273ZJ-140 Wall mount | DS-1273ZJ-140B Wall mount | DS-1271ZJ-140 Pendant Mount | DS-1275ZJ-SUS Vertical pole mount | DS-1241ZJ In-ceiling mount |
|---|--|---|---|---|
|  |  |  |  |  |
| DS-1276ZJ-SUS Corner mount | DS-1240ZJ Inclined ceiling mount | DS-1253ZJ-L Water-proof | DS-1250ZJ Water-proof | DS-1273ZJ-140(BLA CK) Wall mount |
|  |  |  |  |  |

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