

## DS-2CE59U1T-AVPIT3ZF

### 8 MP Outdoor Varifocal Dome Camera

## TurboHD™



- 8 MP High Performance CMOS
- Up to 3840 x 2160 Resolution
- 2.7 mm to 13.5 mm Motorized Varifocal Lens
- Smart IR
- DWDR, 3D DNR
- EXIR 2.0 up to 195 ft (60 m) IR Range
- Multiprotocol Output:  
TVI/AHD/CVI/CVBS
- Up-the-Coax (HIKVISION-C)
- IP67 Protection

The Hikvision DS-2CE59U1T-AVPIT3ZF 8 MP Outdoor Varifocal Dome Camera provides high definition analog output. TurboHD means that the analog signal can be sent over existing coaxial cable, eliminating the need to run new cables for high definition video.

EXIR 2.0 is Hikvision's proprietary IR extended range technology, which has a range of 195 feet (60 meters).

The 2.7 mm to 13.5 mm motorized varifocal lens is optimized for viewing angles that fit any situation. DWDR (Digital Wide Dynamic Range) ensures that ideal images are captured regardless of the lighting conditions.

**Available models:**  
DS-2CE59U1T-AVPIT3ZF



# Specifications

DS-2CE59U1T-AVPIT3ZF	
<b>Camera</b>	
Image Sensor	8.29 MP progressive scan CMOS
Resolution	3840 (H) × 2160 (V)
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on), 0 lux with IR
Frame Rate	TVI: 8 MP @ 12.5 fps, 8 MP @ 15 fps, 5 MP @ 20 fps, 4 MP @ 25 fps, 4 MP @ 30 fps, 2 MP @ 25 fps, 2 MP @ 30 fps CVI: 8 MP @ 12.5 fps, 8 MP @ 15 fps AHD: 8 MP @ 12.5 fps, 8 MP @ 15 fps CVBS: 960H NTSC
Shutter Speed	1/15 s to 1/50,000 s
Lens	2.7 mm to 13.5 mm motorized varifocal lens
Horizontal Field of View	108.1° to 45.6°
Lens Mount	Ø14
Day/Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°; tilt: 0° to 75°; rotate: 0° to 355°
Synchronization	Internal Synchronization
WDR	DWDR
<b>Menu</b>	
AGC	Supported
Day/Night Mode	Auto/color/BW (black and white)
White Balance	Auto/manual
BLC	Yes
DWDR	Yes
Functions	Contrast, sharpness, 3D DNR, mirror, Smart IR, HLC
<b>Interface</b>	
Video Output	1 HD analog output
Switch Button	TVI/AHD/CVI/CVBS
<b>General</b>	
Operating Conditions	-40° F to 140° F (-40° C to 60° C), humidity: 90% or less (non-condensation)
Power Supply	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC (only one power adapter can be used per camera)
Power Consumption	Maximum 8.2 W
Protection Level	IP67
Material	Metal
IR Range	Up to 195 ft (60 m)
Communication	Up-the-Coax, Protocol: HIKVISION-C (HD-TVI output)
Dimensions	Ø 7.1" × 4.9" (Ø 145.2 mm × 124.1 mm)
Weight	Approximately 1.41 lbs (640 g)

# Accessories

					
<b>WML+ PC140</b> Wall Mount Long and 140 mm Pendant Cap	<b>PM</b> Pole Mount Adaptor	<b>RCM-2</b> Recessed Ceiling Mount	<b>SRSL</b> Sun and Rain Shield	<b>ABL</b> Inclined Ceiling Mounting Bracket	<b>CM</b> Corner Mount Adapter

# Dimensions

