

## DS-2CE79U1T-IT3ZF

### 8 MP Outdoor Varifocal Turret Camera

## TurboHD™



- 8 MP High Performance CMOS
- Up to 3840 x 2160 Resolution
- 2.7 mm to 13.5 mm Motorized Varifocal Lens
- EXIR 2.0 up to 260 ft (60 m) IR Range
- Smart IR
- DWDR, 3D DNR
- Multiprotocol Output:  
TVI/AHD/CVI/ CVBS
- Up-the-Coax (HIKVISION-C)
- IP67 Protection

The Hikvision DS-2CE79U1T-IT3ZF 8 MP Outdoor Varifocal Turret 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 260 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-2CE79U1T-IT3ZF



# Specifications

## DS-2CE79U1T-IT3ZF

### Camera

Image Sensor	8.29 MP progressive scan CMOS
Resolution	3840 (H) x 2160 (V)
Minimum Illumination	Color: 0.003 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	Ø 14
Day/Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°; tilt: 0° to 75°; rotate: 0° to 360°
Synchronization	Internal Synchronization
WDR	DWDR

### Menu

AGC	Yes
Day/Night Mode	Auto/color/BW (black and white)
White Balance	Auto/manual
BLC	Yes
DWDR	Yes
Functions	Brightness, sharpness, DNR, mirror, Smart IR, HLC

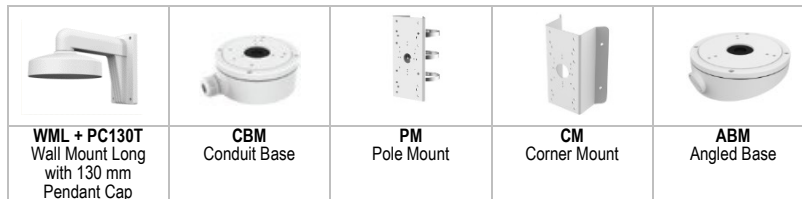
### Interface

Video Output	1 HD analog output
Switch Button	TVI/AHD/CVI/CVBS

### General

Operating Conditions	-40° F to 140° F (-40° C to 60° C), humidity: 90% or less (non-condensation)
Power Supply	9 VDC to 15 VDC
Power Consumption	Maximum 8.6 W
Protection Level	IP67
Material	Metal
IR Range	Up to 260 ft (60 m)
Communication	Up-the-Coax, protocol: HIKVISION-C (HD-TVI output)
Dimensions	5.29" x 4.88" x 4.34" (134.3 mm x 123.86 mm x 110.24 mm)
Weight	Approximately 1.28 lbs (580 g)

# Accessories



# Dimensions

