



TVD-2101

TruVision™ 960H (700 TVL) Outdoor Rugged Dome, PAL

Introduction

The TruVision™ 960H outdoor rugged dome camera is a video surveillance camera, which provides a crisp 960H (700 TVL) high resolution. Using the latest CCD sensors and DSP technology, the TruVision™ 960H outdoor rugged dome camera offers both high resolution and 2.8-11mm motorized lens in one package.

The TruVision™ 960H outdoor rugged dome camera is designed for most indoor and outdoor circumstance with its advantages of high resolution and well-balanced spectral sensitivity, without compromising saturation and color accuracy. The IR cut filter along with intelligent algorithms optimize the Day/Night switch performance and prevents that the camera switches between day and night mode continuously under challenging lighting conditions.

The camera is designed for both indoor and outdoor applications with its 3-axis gimbal bracket, motorized IR-cut filter, motorized lens, weatherproof, vandal-resistant rugged enclosure, and extended cold-start and operating temperature down to -30°C.

A variety of TruVision™ dome mounts are available to install the camera to meet the needs of the installation.



Standard Features

- 960H (700) TVL DWDR Outdoor Rugged Dome
- 1/3" Exview CCD II
- D/N dual-mode Auto Focus
- 2.8 to 11 mm motorized lens
- DWDR, Smart IR, D-fog, Digital Zoom
- OSD button controller integrated on cable
- True Day/Night
- Motorized IR Cut Filter
- 24 VAC / 12 VDC
- Vandal resistant (IK10)
- Outdoor IP66 rated

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Specifications

Camera	
Sensor Size:	1/3"
Sensor Scan:	Interlaced
Sensor Type:	EXview HAD II
Total pixels (H x V):	PAL: 1020 x 596 / NTSC:1020 x 508
Effective pixels (H x V):	PAL: 976 x 582 / NTSC:976 x 494
Resolution (color):	700 TVL
Resolution (B&W):	720 TVL
Synchronization system:	Internal
Electronic shutter:	Auto 1/60 (1/50) to 1/100,000 s
Digital S/N ratio:	50 dB (AGC Off)
Video signal:	1.0 Vp-p / 75 ohm composite
Certification:	FCC,CE
Lighting performance	
Wide Dynamic Range:	DWDR
Digital Noise reduction:	3DNR
Highlight compensation (HLC)	YES(HSBLC)
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.1Lux(F1.4, AGC MID)
B/W sensitivity:	0.1Lux(F1.4, AGC MID)
Housing	
Camera type:	Dome
IP rating:	IP66
Outdoor:	Yes
Rugged:	Yes
Vandal proof:	Yes(IK10)
Lens	
Varifocal:	Motorized
Focal length:	2.8 to 11 mm
F-stop:	F1.4
Autoiris:	Yes
Power consumption	
PSU included:	No
Voltage Input:	12 VDC / 24 VAC
Current:	24 VAC / 220 mA Max: 408mA (Heater on) 12 VDC / 200 mA Max: 330mA (Heater on)
Power Consumption:	24 VAC / 2.2 W Max: 8.4W (Heater on) 12 VDC / 2.4 W Max: 3.96W (Heater on)
Camera analytics	
Motion Detection:	Yes
Privacy Masking:	Yes
Alarm	
Alarm Input:	No
Alarm Output:	No
Mechanical / Environmental	
Dimensions:	133 x 105 mm (5.2 x 4.1 in.)
Weight:	1130 g (2.49 lb.)
Cold start Temperature:	-10°C (14°F)
Operating Temperature:	-30° to 65°C (-22 to 149°F)
Storage Temperature:	-30° to 70°C (-22 to 158°F)

Ordering Information

Part No.	Description
TVD-2101	TruVision™ 960H (700 TVL) Outdoor Rugged Dome, 2.8 to 11 mm Motorized Lens, PAL

