



TVD-7125VE-2-P

TruVision™ 960H (700TVL) True D/N, 2.8 to 12mm lens, Outdoor Rugged

Introduction

The TruVision 960H (700TVL) rugged IR dome camera is a general-purpose high resolution camera with full features for different video surveillance applications.

Based on the latest CCD and DSP technologies, the camera offers over 960H (700TVL) resolution and high sensitivity performance.

Furthermore, its built-in IR illuminator model provides details within the field of view even with no other illumination applied.

The camera provides superb video quality under variable or harsh light conditions using digital noise reduction, ATR (adaptive tone reproduction) which reveals details under wide dynamic range conditions, and HLC (highlight compensation) technology that suppresses intense situations such as strong vehicle headlights at night.

The camera is suitable for most indoor and outdoor circumstances given its 3-axis gimbal bracket, removable IR cut filter, varifocal lens, and weatherproof vandal-resistant rugged enclosure.



Standard Features

- 960H (700TVL) rugged IR dome camera
- 1/3" CCD
- 2.8 to 12mm varifocal lens
- 0 lux IR on
- Up to 20m IR range
- ATR, 2DNR, HLC
- True Day/Night
- Motorized IR Cut Filter
- 24 VAC / 12 VDC
- Rugged housing
- Outdoor IP66 rated
- Vandal proof IK10 rated

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Specifications

Camera	
Sensor Size:	1/3
Sensor Scan:	Interlaced
Sensor Type:	CCD
Total pixels (H x V):	NTSC:1028(H) x 508(V) PAL:1028(H) x 596(V)
Effective pixels (H x V):	NTSC:976 (H) x 494(V) PAL:976 (H) x 582(V)
Resolution (color):	960H (700TVL)
Resolution (B&W):	960H (700TVL)
Synchronization system:	Internal
Electronic shutter:	Auto 1/60 (1/50) to 1/100,000 sec
Digital S/N ratio:	62 dB
Video signal:	1.0 Vp-p / 75 ohm composite
Certification:	UL, CE, FCC, REACH, RoHS, WEEE
Lighting performance	
Wide Dynamic Range:	DWDR
WDR in dB:	NA
Digital Noise reduction:	2DNR
Highlight compensation (HLC):	Yes
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.045 Lux @ F1.2 (30IRE)
B/W sensitivity:	0.045 Lux @ F1.2 (30IRE)
IR sensitivity:	0 Lux with IR on
IR Range:	Up to 20 m
IR Wavelength:	850nm
B/W trigger:	2.8lux
IR trigger:	2.8lux
Housing	
Camera type:	Dome
IP rating:	IP66
Outdoor:	Yes
Rugged:	Yes
Vandal proof:	Yes, IK10
Lens	
Control type:	DC
Varifocal:	Yes
Focal length:	2.8 to 12mm
F-stop:	F1.4
Autoiris:	Yes
Power consumption	
PSU included:	No
Voltage Input:	24 VAC / 12 VDC
Current:	375 mA (IR on)
Power Consumption:	MAX 4.5W
Camera analytics	
Motion Detection:	Yes
Privacy Masking:	Yes
Alarm	
Alarm Input:	No
Alarm Output:	No
Mechanical / Environmental	
Dimensions:	140 x 101.1 mm (5.51" x 3.98")
Weight:	800 g (1.76 lbs)
Operating Temperature:	-30 to 60°C (-22 to 140°F)
Storage Temperature:	-20 to 70°C (-4 to 158°F)

Ordering Information

Part No.	Description
TVD-7125VE-2-P	TruVision™ 960H (700TVL) True D/N, 2.8 to 12mm lens, Outdoor Rugged IR Dome

