



TVD-7120VE-2-P

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

Introduction

The TruVision 960H (700TVL) rugged 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.

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 (700 TVL) rugged dome camera
- 1/3" CCD
- 2.8 to 12mm varifocal lens
- 0.045 Lux @ F1.2 (30IRE)
- 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) to1/100,000 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 Wavelength:	850nm
B/W trigger:	0.46 lux

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 to12mm
F-stop:	F1.4
Autoiris:	Yes

Power consumption

PSU included:	No
Voltage Input:	24 VAC / 12 VDC
Current:	290 mA
Power Consumption:	MAX 3.5W

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
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