



Product Data Sheet

TVD-6125VE-2-P

TruVision™ 600TVL Outdoor Rugged IR Dome

Introduction

The TruVision™ 600TVL 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 600 TVL 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

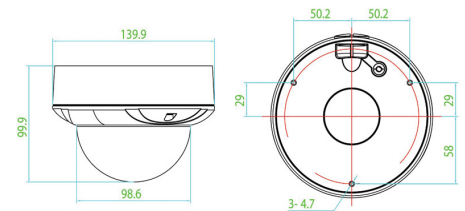
- 600TVL rugged IR dome camera
- 1/3" Super HAD CCD II
- 2.8 to 12mm varifocal lens
- 0 lux IR on
- Up to 30m IR range
- ATR, 2DNR, HLC
- True Day/Night
- Motorized IR Cut Filter
- 24 VAC / 12 VDC
- Rugged housing
- Outdoor IP66 rated

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Specifications

Camera	
Sensor Size:	1/3
Sensor Scan:	Interlaced
Sensor Type:	Super HAD CCD II / SONY
DSP:	Effio E / SONY
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):	600TVL
Resolution (B&W):	650TVL
Synchronization system:	Internal
Electronic shutter:	Auto 1/60 (1/50) ~1/100,000 sec
Digital S/N ratio:	52dB
Video signal:	1.0 Vp-p / 75 ohm composite
Certification:	FCC,CE
Lighting performance	
Wide Dynamic Range:	ATR
WDR in dB:	58
Digital Noise reduction:	2DNR
Highlight compensation (HLC):	Yes
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.2 Lux @ F1.2 (50IRE)
B/W sensitivity:	0.1 Lux @ F1.2 (50IRE)
IR sensitivity:	0 Lux with IR on
IR Range:	Up to 30 m
IR Wavelength:	850nm
B/W trigger:	2.1lux
IR trigger:	2.1lux
Housing	
Camera type:	Dome
IP rating:	IP66
Outdoor:	Yes
Rugged:	Yes
Vandal proof:	Yes
Lens	
Control type:	DC
Varifocal:	Yes
Focal length:	2.8-12mm
F-stop:	F1.2
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 × 101.1 mm (5.51" × 3.98")
Weight:	800 g (1.76 lbs)
Operating Temperature:	-30 to 50°C (22 to 122°F)
Storage Temperature:	-20 to 70°C (-4 to 158°F)



Ordering Information

Part No.	Description
TVD-6125VE-2-P	TruVision™ 600TVL Outdoor Rugged IR Dome

