



## 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
- 20-30m IR range
- ATR, 2DNR, HLC
- True Day/Night
- Motorized IR Cut Filter
- 24 VAC / 12 VDC
- Rugged housing
- Outdoor IP66 rated

# TVD-6125VE-2-P

TruVision™ 600TVL Outdoor Rugged IR Dome

## 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: 30m
- 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

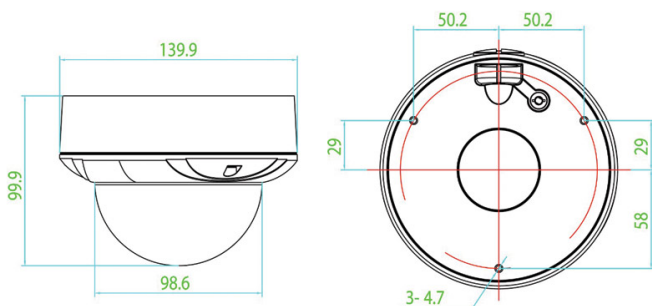
### Alarm

- 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 )

## Diagram



## Ordering Information

TVD-6125VE-2-P

TruVision™ 600TVL Outdoor Rugged IR Dome

