



TVD-N225E-2M-P

VGA Outdoor IR Dome Camera, 2.8-12.0 mm

Overview

The TVD-N225E-2M-P is an IP outdoor IR dome camera, designed to perform in a wide range of lighting conditions. Its built in IR LEDs provide illumination up to 30 meters to ensure qualitative images – even in low light environments. The camera features a built-in motorized zoom lens with autofocus feature, a built in heater as well as compliancy with the ONVIF and PSIA open standards.

Ease of Use

The camera's motorized zoom lens and autofocus feature make it particularly easy for installers and users to operate this camera. All that needs to be done is mount the camera and point the lens in the right direction. Using the camera's web browser, you simply determine the field of view by adjusting the zoom factor, after which you activate the auto focus feature to create a crisp image. Using this feature, losing time while tweaking the camera is a thing of the past!

IP technology

TruVision cameras utilize H.264 compression with dual-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras were designed to adhere to PSIA and ONVIF open communication standards, and also support a CGI command set for simple integration into any IP system. Video streams can be set for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.



Standard Features

- IR dome camera
- Real time VGA resolution
- Designed to ONVIF and PSIA open standards
- H.264 with dual streaming functionality
- Edge recording up to 32GB micro SD card
- 1/4" CMOS Progressive Scan
- Motorized IR cut filter
- 0 Lux (IR on)
- 30m IR illumination
- Motorized zoom lens
- Auto focus feature

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Specifications

Camera

Sensor Size:	1/4"
SD / MPX:	SD
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression/Standard:	H.264/MPEG4/MJPEG
Available Resolutions:	(main)640x480(sub)QVGA/CIF
Maximum Resolution(@ FPS):	640x480 (25fps)
Maximum Real Time Resolution:	640x480
HD 720p:	No
Composite Output (BNC):	Yes
Digital S/N ratio:	60dB
Electronic shutter:	1/25 s to 1/100,000 s
Certification:	UL, CE, FCC

Lighting performance

Wide Dynamic Range:	No
WDR in dB:	82dB
Digital noise reduction:	2D
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.01Lux @(F1.2,AGC ON)
B/W sensitivity:	0.01Lux @(F1.2,AGC ON)
IR sensitivity:	0 Lux with IR
IR Range:	Approx. 20 to 30
IR Wavelength:	850nm
B/W trigger:	3Lux
IR trigger:	3Lux

Housing

Camera type:	IR Dome
IP rating:	IP66
Outdoor:	Yes
Rugged:	Yes
Vandal proof:	Yes

Lens

Mount type:	N/A
Control type:	Motorized
Optical zoom:	Yes
Focal length:	2.8 – 12 mm @ F1.2
F-stop:	N/A
Autoiris:	DC drive
Varifocal:	Yes
Zoom lens:	4.26
Autofocus:	Yes

Power consumption

PSU included:	No
Voltage Input:	24 VAC
Current:	N/A
Power Consumption:	Max. 24W
PoE:	High PoE (802.3at)

Network

ONVIF:	Yes
PSIA:	Yes
CGI:	Yes
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP,RTSP, PPPoE, SMTP, NTP

LocalStorage

Media:	Built-in Micro SD
Capacity:	32 GB

CameraAnalytics

Motion Detection:	Yes
Privacy Masking:	Yes

Mechanical/ Environmental

Dimensions:	159.8 × 146 mm (6.29" × 5.75")
Weight:	2100 g (3.09 lbs)
Operating Temperature:	-40 °C – 60 °C (-40 °F – 140 °F) with heater on

Ordering Information

Part No.	Description
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