

IP Video Surveillance

VD6457 Dome Camera

2MP Full HD 1080p



Overview

VIDEOTEKNIKA VD6457 is a compact, stylish and high impact vandal resistant varifocal dome camera designed for indoor applications with a 2 Megapixel sensor enabling a viewing resolution of 1920 x 1080 (Full HD 1080p Real Time). The multitasking day & night camera provides unlevelled cost effective performance making the product a market leader in its segment. The camera allows versatile indoor use through its True Day & Night feature and its vandal resistance. The VD6457 camera incorporates a 1/3" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VD6457 also supports POE.

Supported Compression

The VD6457 supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD6457 also supports the industry standard H.264 compression, the most recent compression technology that reduces drastically video file sizes therefore allowing for better storage and lowers bandwidth demands.

Dual Streaming

The VD6457 allows for dual independent streaming images to pass through the video coder. The resolution, frame rate and bit rate can be set independently on both streams. The main application for dual streams allows for high resolution and high frame rate streaming for recording while allowing lower resolution and frame rate for computer browsing and mobile device applications.

Supported Software

The Camera is supported by the Videoteknika VVMS-*Xpert*™ VMS. The VVMS-*Xpert*™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 1024 Channels per server. A 64 Ch version VVMS-*Advanced*™ is supplied as a free bundled software with all Videoteknika IP Cameras. VVMS-*Mobile*™ is also available on Iphone and Android applications. Videoteknika IP cameras are supported by various leading software development VMS partners.

Main Features

- Full HD (1080p) Real time video
- Up to 2 Megapixel (1920 x 1080) Resolution
- 1/3" progressive scan CMOS
- IP66 & IK10 rated for Outdoor use
- Built-in IR Illuminator, Effective 30 metres
- True Day & Night IR Cut Mechanical Filter (auto-switch)
- Varifocal Lens 2.8 ~ 12mm
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / H.264
- Protective Vandal Resistant Housing
- Power Over Ethernet (POE)
- Supports ePTZ for data efficiency
- NAS – Network Storage Compatible
- ONVIF,PSIA,CGI compatible
- Videoteknika – VVMS-*Advanced*™ VMS software included
- Videoteknika – VVMS-*Mobile*™ supported on App Store

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Easy setup

- Power Over Ethernet – POE (802.3af)
- Polycarbonate dome with vandal resistance
- Saturation, brightness, contrast adjustable through client software or web browser
- Varifocal Lens 2.8 ~ 12mm

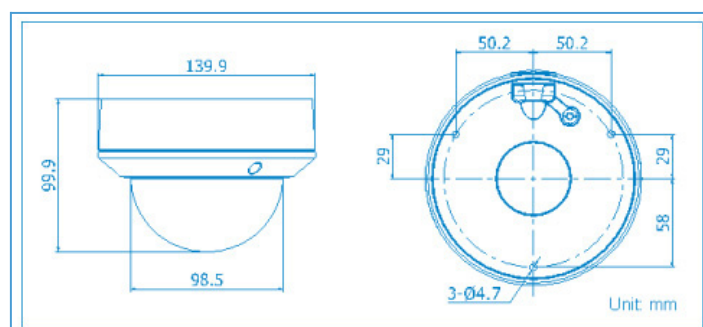
Typical Camera Locations	VD6457
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

Specifications

Camera Model	VD6457
Features	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.01 Lux, (F1.2, the AGC ON) or 0 Lux with IR ON
Shutter time	1/25s (1/30s) ~ 1/100,000s
Lens	2.8 ~ 12 mm @F1.4, Angle of view: 98° ~ 30.2°
IR Range	30 metres
Lens Mount	φ14
Iris Mode	DC Drive
Adjustment Range	Pan: 0°~360°, Tilt: 0°~75°, Rotation: 0°~360°
Day and Night	True Day & Night IR Cut Mechanical Filter
System Compatibility	ONVIF, PSIA, CGI
Video Compression	H.264 / MJPEG
Bit Rate	32 Kbps ~ 16 Mbps
Dual Stream	Yes
Audio Compression	G.711 / G.726
Local Storage	Built-in SD/SDHC slot, up to 32 GB
Communication Interface	1 RJ45 10M / 100M ethernet port
Max. Image Resolution	1920 x 1080
Frame Rate	50 Hz: 25 fps (1920 x 1080), 25 fps (1280 x 720) 60 Hz: 30 fps (1920 x 1080), 30 fps (1280 x 720)
Alarm Input / Alarm Output	1 / 1

Camera Model	VD6457
Features (Continued)	
Audio Input / Output	1-ch microphone input / 1-ch audio interface
Digital Noise Reduction	3D DNR
Wide Dynamic Range	Digital WDR
Backlight Compensation	Supported, Zone Configurable
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage	NAS – Network Storage Compatible
Alarm Trigger	Motion detection, network disconnect, tampering alarm
Security	Password protection, watermark
Environmental	
Operating Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Electrical	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max 5.5W (max. 7W with ICR on)
Physical	
Dimensions	5.51 x 3.94 in. (140 x 100 mm)
Ingress & Impact Protection	IP66, IK10
Weight	1000g (2.2lbs)
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VD6457	2 MP (1920 x 1080) Full HD 1080p Real Time IP Dome, True Day & Night (ICR), Varifocal 2.8 ~ 12mm, Dual Streaming, PoE, 3-Axis, Vandal Proof, VMS Support, Mobile Support, NAS Network Storage Support, SD Card Support..

Recommended Associated Products



BRACKETS	VDB-03	VDB-04	VVMS-Advanced™
Mount :	Pendant Mount Bracket	Wall Mount Bracket with Gang Box	Video Management Software
Weight :	<2500 grams	<2500 grams	64 Channel
Dimension :	150 (W) x 545 (H) mm	140mm (L) x 193.6mm (W) x 297.5 (H) mm	Mobile Application

Affiliations:



Partners:

