

IP Video Surveillance

VD6176 Dome Camera

D1 WDR Varifocal Dome



Overview

VIDEOTEKNIKA VD6176 is a compact, stylish and high impact vandal resistant varifocal dome camera designed for indoor applications with a D1 – DVD Quality CCTV video resolution. 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 WDR feature and its vandal resistance. The VD6176 features a 3-Axis adjustment capability. The camera incorporates a 1/3" Sony CCD with progressive scan technology enabling sharp images in highly populated locations. The VD6176 also supports POE.

Supported Compression

The VD6176 supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD6176 also supports MPEG-4, a further development of MPEG-2 designed for transmitting audiovisual data at very low transfer rates MPEG-4 is a digital video encoding and compression standard that uses interframe encoding to significantly reduce the size of the video stream being transmitted. The VD6176 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 VD6176 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 VD6176 is supported by the Videoteknika *endura*™ VMS. The *endura*™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 256 Channels per server. A 32 Channel version of Endura is supplied as a free bundled software with all Videoteknika IP Cameras. *endura mobile*™ is also available on Iphone, Android and Blackberry applications. Videoteknika IP cameras are supported by varies leading software development VMS partners.

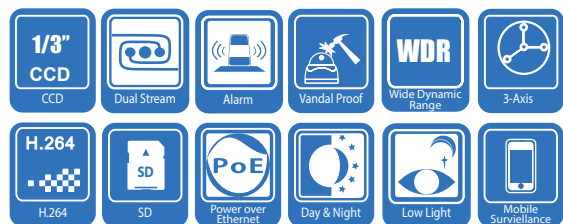
Main Features

- D1 – DVD Quality CCTV (4CIF Real Time video)
- 2-Way Audio
- 1/3" Sony Vertical Double Density Interline CCD
- WDR – Wide Dynamic Range 160x
- Built-in IR Illuminator, Effective 25 metres
- True Day & Night IR Cut Mechanical Filter (auto-switch)
- Varifocal Lens 2.8 ~ 11mm
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / MPEG-4 / H.264
- Protective Vandal Resistant Housing
- Power Over Ethernet (POE)
- Supports ePTZ for data efficiency
- NAS – Network Storage Compatible
- ONVIF,PSIA,CGI compatible
- Videoteknika – *endura*™ VMS software included
- Videoteknika – *endura mobile*™ supported on App Store
- Built-in Micro SD / SDHC card slot for local storage

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D1 – DVD Quality CCTV



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Easy setup

- Uses a true “3-Axis feature” which allows for optimization of the field of view level regardless of mounting location while maintaining horizontal view
- 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 ~ 11mm
- Additional composite BNC out 75 Ω

Typical Camera Locations	VD6176
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

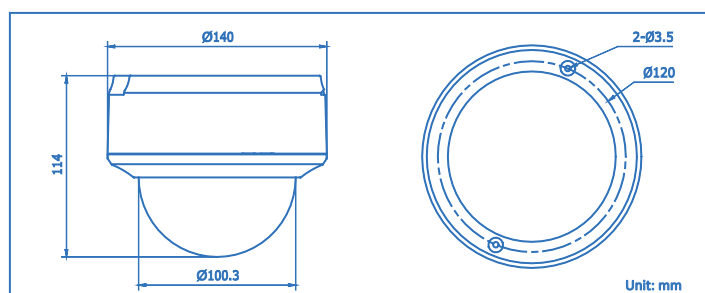
Specifications

Camera Model	VD6176
Features	
Image Sensor	1/3" Sony vertical double density interline CCD
Min. Illumination	0.14 lux @F1.4, AGC on, 0 lux with IR
Video Output	1Vp-p Composite Output(75Ω, RCA)
Shutter time	1/25(1/30)s ~ 1/100,000s
Lens	2.8 ~ 11 mm @F1.4 , Angle of view: 97° ~ 24°
IR Range	25 metres
Lens Mount	φ14
Auto Iris	DC drive
Adjustment Range	Pan: 0°~360°, Tilt: 0°~75°, Rotation: 0°~360°
Local Storage	Built-in SD/SDHC slot, up to 32 GB
Day and Night	True Day & Night IR Cut Mechanical Filter
Wide Dynamic Range	160x
Video Compression	H.264 / MPEG4 / MJPEG
Bit Rate	32 Kbps ~ 16 Mbps
Audio Compression	G.711
Dual Stream	Yes
Max. Image Resolution	D1 / 4CIF (704 x 576)
Frame Rate	50HZ: 25fps (704x576) 60HZ: 30fps (704x480)

Camera Model	VD6176
Features (Continued)	
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage	NAS – Network Storage Compatible
Alarm Trigger	Motion detection, network disconnect, IP address conflict, storage exception
Security	Password protection, watermark
Alarm Input / Alarm Output	2 / 2
Audio Input / Output	1-ch microphone input / 1-ch audio interface

Environmental	
Operating Temperature	-10 °C ~ 60 °C (14 °F ~ 140 °F)
Electrical	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	7W max. (7.5W max. with IR cut filter on)
Physical	
Dimensions	5.51 x 4.49 in. (140 x 114 mm)
Impact Protection	up to IK10
Weight	1400g (3.09lbs)
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VD6176	D1/4CIF IP Dome, WDR, True Day & Night (ICR), Varifocal 2.8 ~ 11 mm, Dual Streaming, Vandal Proof, PoE, 3-Axis, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, SD Card Support.
VD6256	1.3 MP (1280 x 960) HD 720p Real Time IP Dome, True Day & Night (ICR), Varifocal 2.7 ~ 9 mm, Dual Streaming, PoE, Vandal Proof, 3-Axis, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, SD Card Support.
VD6356	2 MP (1600 x 1200) HD 720p Real Time IP Dome, True Day & Night (ICR), Varifocal 2.7 ~ 9 mm, Dual Streaming, PoE, Vandal Proof, 3-Axis, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, SD Card Support.
VD6576	3 MP (2048 x 1536) Full HD 1080p Real Time, True Day & Night (ICR), Varifocal 2.7 ~ 9 mm, Dual Streaming, PoE, Vandal Proof, 3-Axis, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, SD Card Support.
VD6756	5 MP (2560 x 1920) Full HD 1080p Real Time, True Day & Night (ICR), Varifocal 4.5 ~ 10 mm, Dual Streaming, PoE, Vandal Proof, 3-Axis, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, SD Card Support.

Recommended Associated Products



VDB-01

Indoor In-Ceiling Mount Bracket
540 grams
210 (W) x 84.5 (H) mm



VDB-02

Wall Mount Bracket
580 grams
251 mm (L) x 100 mm (W) x 182 (H) mm



endura 32™

Video Management Software
32 Channel
Mobile Application

Affiliations:



Partners:

