

# IP Video Surveillance

## VD6204 Dome Camera

### 1.3MP HD 720p



#### Overview

VIDEOTEKNIKA VD6204 is a compact, stylish and high impact vandal resistant fixed dome camera designed for indoor and outdoor applications with a 1.3 Megapixel sensor enabling a viewing resolution of 1280 x 960 (HD 720p Real Time). The 1.3MP mini dome camera provides outstanding video performance making this camera very useful in discreet yet sensitive applications. The camera allows versatile indoor use while through is IP66 rating and its vandal resistance, varies outdoor applications are also possible. The VD6204 features a 3 Axis adjustment capability. The camera incorporates a 1/3" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VD6204 incorporates an Electronic Day & Night feature and also supports POE.

#### Supported Compression

The VD6204 supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD6204 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 VD6204 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 VD6204 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 VD6204 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

- Upto 1.3 Megapixel (1280 x 960) Resolution
- HD (720p) Real time video
- 1/3" progressive scan CMOS
- IP66 & IK10 rated for Outdoor use
- Alarm Triggering Motion Detection
- Electronic Day & Night
- Fixed Lens 4mm (Optional 2.8mm, 6mm, 8mm)
- 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
- Password Protection, Watermark

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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
- Fixed Lens 4mm (Optional 2.8mm, 6mm, 8mm)
- IP66 & IK10 rated for Outdoor use

Typical Camera Locations	VD6204
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

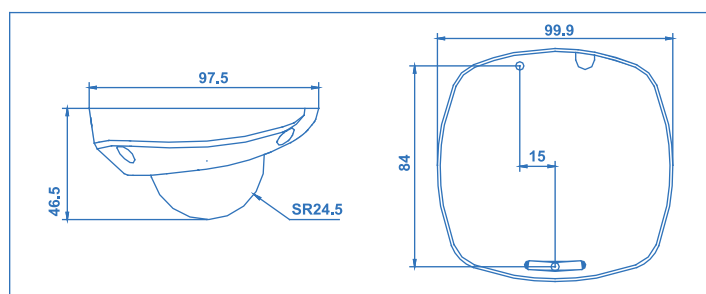
#### Specifications

Camera Model	VD6204
<b>Features</b>	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.02 lux @F1.8, AGC on
Shutter time	1/25s~1/100,000s
Lens	4 mm @F1.8 (2.8, 6, 8mm optional) Angle of view: 71°
Lens Mount	M12
Adjustment Range	Pan: ± 15°, tilt: 0 ~ 90°, rotation: ± 15°
Day and Night	Electronic
Video Compression	H.264 / MPEG4 / MJPEG
Bit Rate	32 Kbps ~ 16 Mbps
Dual Stream	Yes
Max. Image Resolution	1280 x 960
Frame Rate	50Hz: 25fps (1280 x 960), 25fps (1280 x 720) 60Hz: 30fps (1280 x 960), 30fps (1280 x 720)
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage	NAS – Network Storage Compatible

Camera Model	VD6204
<b>Features (Continued)</b>	
Alarm Trigger	Motion detection, network disconnect, IP address conflict, storage exception
Security	Password protection, watermark
System Compatibility	ONVIF, PSIA, CGI
Communication Interface	1 RJ45 10M / 100M ethernet interface
Weather-proof Rating	IP66

<b>Environmental</b>	
Operating Temperature	-10 °C ~ 60 °C (14 °F ~ 140 °F)
<b>Electrical</b>	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	4W MAX
<b>Physical</b>	
Dimensions	99.9 x 97.5 x 46.5 mm
Impact Protection	up to IK10
Weight	250g (0.55lbs)
<b>Regulatory Certifications</b>	FCC, CE, C-TICK, UL

#### Dimensional Diagrams



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### Ordering Information

Camera Model	Camera Details
VD6204	1.3MP IP Dome, HD 720p (1280 x 960), Electronic Day & Night, Fixed Lens 4mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6204-28	1.3MP IP Dome, HD 720p (1280 x 960), Electronic Day & Night, Fixed Lens 2.8mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6204-6	1.3MP IP Dome, HD 720p (1280 x 960), Electronic Day & Night, Fixed Lens 6mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6204-8	1.3MP IP Dome, HD 720p (1280 x 960), Electronic Day & Night, Fixed Lens 8mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6304	2MP IP Dome, HD 720p (1600 x 1200), Electronic Day & Night, Fixed Lens 4mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6304-28	2MP IP Dome, HD 720p (1600 x 1200), Electronic Day & Night, Fixed Lens 2.8mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6304-6	2MP IP Dome, HD 720p (1600 x 1200), Electronic Day & Night, Fixed Lens 6mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.
VD6304-8	2MP IP Dome, HD 720p (1600 x 1200), Electronic Day & Night, Fixed Lens 8mm, Dual Streaming, Vandal Proof, PoE, ePTZ, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Network Storage Support, IP66 rated.

### Recommended Associated Products



<i>endura 32</i> ™	<i>endura 64 pro</i> ™	<i>endura IVRS</i> ™
Video Management Software	Video Management Software	Intelligent Video Recording Server
32 Channel	64 Channel	64 Channel
Mobile Application	Mobile Application	Mobile Application

### Affiliations:



### Partners:

