

# IP Video Surveillance

## VD7654A Dome Camera

### 4MP Full HD 1080p



#### Overview

VIDEOTEKNIKA VD7654A is a compact, stylish and high impact vandal resistant fixed dome camera designed for indoor and outdoor applications with a 4 Megapixel sensor enabling a viewing resolution of 2688 x1520 (Full HD 1080p Real Time). The 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 its IP66 rating and its vandal resistance, various outdoor applications are also possible. The VD7654A 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 VD7654A incorporates an Electronic Day & Night feature and also supports POE.

#### Supported Compression

The VD7654A supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD7654A 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 VD7654A 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.

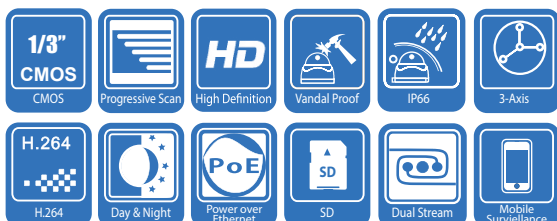
#### Main Features

- Upto 4 Megapixel (2688 x1520) Resolution
- Full HD (1080p) Real time video
- 1/3" progressive scan CMOS
- 120DB Wide Dynamic Range
- IP66 (Weatherproof) & IK8 (Vandal Resistant) for Outdoor use
- Built-in IR Illuminator, Effective 15 metres
- True Day & Night IR Cut filter with auto-switch
- Fixed Lens : 2.8mm @ F2.0, Angle of View : 98°
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / H.264
- 2-Way Audio, Built in microphone
- Built-in Micro SD / SDHC card slot for local storage
- Power Over Ethernet ( POE)
- 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

- 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 2.8mm
- Built in microphone
- IP66 & IK10 rated for Outdoor use

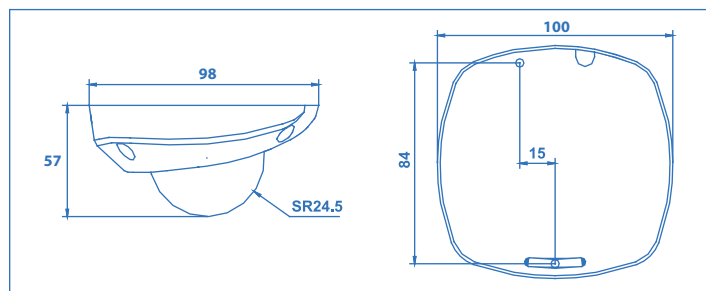
#### Specifications

Camera Model	VD7654A
Features	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0 lux with IR LED On
Shutter time	1/25s~1/100,000s
Lens	2.8mm @F2.0 Angle of view: 98°
IR Range	15 metres
Lens Mount	M12
Wide Dynamic Range	120dB WDR
Day and Night	True Day & Night ICR
Video Compression	H.264 / MJPEG
Audio Compression	G.711/G.726
Dual Stream	Yes
Max. Image Resolution	2688 x 1520
Frame Rate	50Hz: 25fps (2688 x 1520), 25fps (1920x1080) 60Hz: 30fps (2688 x 1520), 30fps (1920x1080)
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage	NAS – Network Storage Compatible
Local Storage	Built-in SD/SDHC slot, up to 128 GB
Misc Configurations	BLC, ROI

Typical Camera Locations	VD7654A
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

Camera Model	VD7654A
Features (Continued)	
Audio interface	1-ch Mic in or Line in / 1-ch interface
Digital Noise Reduction	3D DNR
Alarm Input / Output	1 / 1
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
Environmental	
Operating Temperature	-30 °C ~ 60 °C [-22 °F ~ 140 °F]
Electrical	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	5W Max.
Physical	
Dimensions	100 x 98 x 53 mm
Weather-proof Rating	IP66
Impact Protection	up to IK10
Weight	615g (1.36lbs)
Regulatory Certifications	FCC, CE, C-TICK, UL

#### Dimensional Diagrams



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### Ordering Information

Camera Model	Camera Details
<b>VD7654A</b>	4MP IP IR Dome, Full HD 1080p (2688 x1520), Day & Night ICR, Fixed Lens 2.8mm, Dual Streaming, PoE, 120dB WDR, 15m IR range, 3-Axis, Motion Detection, VMS Support, Mobile Support, NAS Support, IP66, IK10 Vandal, SD Card support. Built in microphone

### Recommended Associated Products



BRACKETS	VDB-21	VDB-22	VDB-23
Mount :	Wall Mount Bracket	Pendant Mount Bracket	Corner Mount Bracket
Dimension :	110 (W) x 120 (L) x 120 (H) mm	110 (W) x 545 (H) mm	158 (W) x 173 (L) mm



BRACKETS	VDB-24	VVMS -Advanced™
Mount :	Pole Mount Bracket	Video Management Software
Dimension :	117 (W) x 194 (L) x 143 (H) mm	64 Channel Mobile Application

### Affiliations:



### Partners:

