

IP Video Surveillance

VD7554A Dome Camera

3MP Full HD 1080p



Overview

VIDEOTEKNIKA VD7554A is a compact, stylish and high impact vandal resistant fixed dome camera designed for indoor and outdoor applications with a 3 Megapixel sensor enabling a viewing resolution of 2048 x 1536. The 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 VD7554A 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 VD7554A incorporates an Electronic Day & Night feature and also supports POE.

Supported Compression

The VD7554A supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD7554A 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 VD7554A 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.

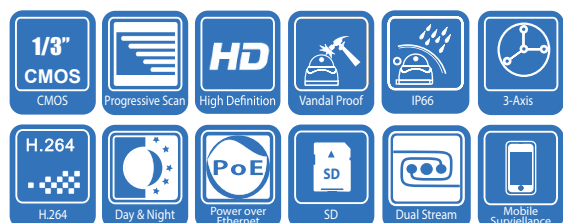
Main Features

- Upto 3 Megapixel (2048 x 1536) Resolution
- Full HD (1080p) Real time video
- 1/3" progressive scan CMOS
- Digital Wide Dynamic Range
- IP66 (Weatherproof) & IK8 (Vandal Resistant) for Outdoor use
- Built-in IR Illuminator, Effective 20 metres
- True Day & Night IR Cut filter with auto-switch
- Fixed Lens 4mm
- 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 4mm
- Built in microphone
- IP66 & IK10 rated for Outdoor use

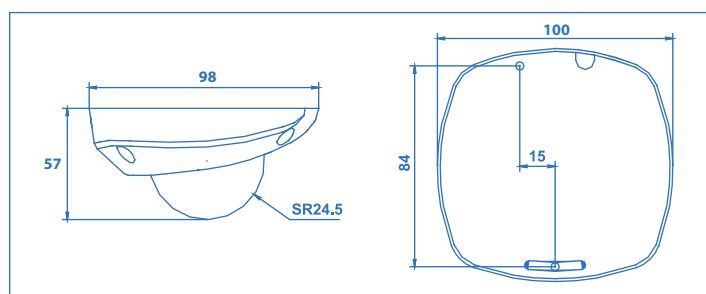
Specifications

Camera Model	VD7554A
Features	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0 lux with IR LED On
Shutter time	1/25s~1/100,000s
Lens	4 mm @F2.0 Angle of view: 79°
IR Range	20 metres
Lens Mount	M12
Extra Features	Digital WDR, 3D DNR, BLC
Day and Night	True Day & Night ICR
Video Compression	H.264 / MJPEG
Audio Compression	G.711/G.726
Dual Stream	Yes
Max. Image Resolution	2048 x 1536
Frame Rate	50Hz: 25fps (2048x1536), 25fps (1920x1080) 60Hz: 30fps (2048x1536), 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 64 GB

Typical Camera Locations	VD7554A
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

Camera Model	VD7554
Features (Continued)	
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 57 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
VD7554A	3MP IP IR Dome, Full HD 1080p (2048 x 1536), Day & Night ICR, Fixed Lens 4mm, Dual Streaming, PoE, D-WDR 20m 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	VMDB-11	VMDB-12	VMDB-13
Mount :	Wall Mount Bracket	Pendant Mount Bracket	In-Ceiling Mount Bracket
Dimension :	120 (W) x 182 (L) x 120 (H) mm	120 (W) x 575 (H) mm	120 (W) x 120 (L) mm



BRACKETS	VMDB-14	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:



VIDEOTEKNIKA SRL – SANSEPOLCRO (AR) VIA DEL PETRETO 4 CAP 52037

Videoteknika SRL (Perugia) Registered in Chambers of Commerce, Arezzo, Italy. Registration No. 21761

Website: www.videoteknika.com

Email: sales@videoteknika.com