

IP Video Surveillance

VDM61-IA Dome Camera

6MP Full HD 1080p



Overview

VIDEOTEKNIKA VDM61-IA is a compact, stylish and high impact vandal resistant fixed dome camera designed for indoor and outdoor applications with a 6 Megapixel sensor enabling a viewing resolution of 3072 x2048 (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 VDM61-IA 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 VDM61-IA incorporates an Electronic Day & Night feature and also supports POE.

Supported Compression

The VDM61-IA supports the industry standard H.265+/H.265/H.264+/H.264/MJPEG compression, the most recent compression technology that reduces drastically video file sizes therefore allowing for better storage and lowers bandwidth demands.

Triple Streaming

The VDM61-IA allows for triple independent streaming images to pass through the video coder. The resolution, frame rate and bit rate can be set independently on three streams. The main application for triple 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.

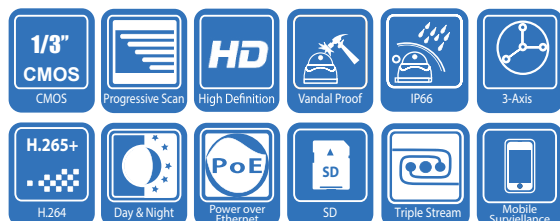
Main Features

- Upto 6 Megapixel (3072 x2048) 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 : 2.8/4/6 (Optional)mm @ F2.0, Angle of View : 98°
- Triple Simultaneous Streaming
- Supported Video Compressions : H.265+/H.265/H.264+/H.264/MJPEG
- 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

VDM61-IA

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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
- Line crossing detection, Intrusion detection, Face detection
- Fixed Lens 2.8mm Optional 4/6mm
- Built in microphone
- IP66 & IK8 rated for Outdoor use

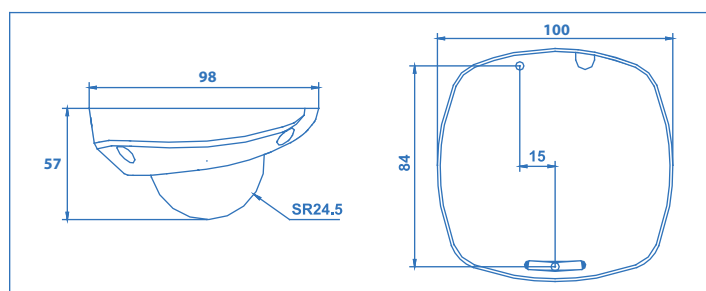
Typical Camera Locations	VDM61-IA
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

Specifications

Camera Model	VDM61-IA
Features	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0 lux with IR LED On
Shutter time	1/25s~1/100,000s
Lens	2.8 / 4/6mm (Optional)@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.265+/H.265/H.264+/H.264/MJPEG
Audio Compression	G.711/G.726
Triple Stream	Yes
Max. Image Resolution	3072 x2048
Frame Rate	50Hz: 25fps (3072 x2048), 25fps (1920x1080) 60Hz: 30fps (3072 x2048), 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

Camera Model	VDM61-IA
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, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
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	110 x 57 mm
Weather-proof Rating	IP66
Impact Protection	up to IK8
Weight	400 g (0.9 lb.)
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VDM61-IA	6MP IP IR Dome, Full HD 1080p (3072 x2048), 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:

