IP Video Surveillance
VD7677L–MZ Motorized Dome
4MP Full HD 1080p

XX VIDEOTEKNIKA

Overview

VIDEOTEKNIKA VD7677L–MZ is a compact, stylish and high impact vandal resistant Motorized Varifocal dome camera with WDR designed for outdoor applications with a 4 Megapixel sensor enabling a viewing resolution of 1920 x 1080 (Full HD 1080p Real Time). The multitasking day & night camera provides unleveled cost effective performance making the product a market leader in its segment. The camera allows versatile indoor use through its True Day & Night feature and its vandal resistance. The VD7677L–MZ camera incorporates a 1/2.8 " CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VD7677L–MZ also supports POE.

Supported Compression

The VD7677L–MZ supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD7677L–MZ also supports the industry standard H.264+ compression, the most recent compres–sion technology that reduces drastically video file sizes therefore allowing for better storage and lowers bandwidth demands.

Dual Streaming

The VD7677L–MZ 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

- Full HD (1080p) Real time video
- Up to 4 Megapixel (2688 x 1520) Resolution
- 1/2.8 " progressive scan CMOS
- IP67 & IK10 rated for Outdoor use
- Built–in IR Illuminator, Effective 30 metres
- 120DB Wide Dynamic Range
- True Day & Night IR Cut Mechanical Filter (auto–switch)
- Motorized Varifocal Lens 2.8 ~ 12mm
- Dual Simultaneous Streaming
- Supported Video Compressions : H.264/MJPEG/H.264+
- ROI, BLC, 3D–DNR, Privacy Masking, Reset, Mirror, etc.
- Protective Vandal Resistant IK10 rated Housing
- Power Over Ethernet (POE)
- Supports ePTZ for data efficiency
- NAS – Network Storage Compatible
- ONVIF,PSIA,CGI compatible
- Built–in Micro SD / SDHC card slot for local storage
- Videoteknika – VVMS - Advanced™ VMS software included
- Videoteknika – VVMS - Mobile™ supported on App Store

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1/2.8" CMOS	Progressive Scan	HD High Definition	Vandal Proof	Dual Stream	IP67
H.264+	I C R	PoE Power over Ethernet	WDR Wide Dynamic Range	Day & Night	SD

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Easy setup

- Power Over Ethernet – POE (802.3af)
- Polycarbonate dome with vandal resistance
- Saturation, brightness, contrast adjustable through client software or web browser
- Motorized Varifocal Lens 2.8 ~ 12mm

Typical Camera Locations	VD7677L–MZ
Retail	Yes
Banking	Yes
Airports	Yes
Medical	Yes
Parking garages	Yes
Domestic	Yes
Corporate	Yes
Government	Yes
Common Areas	Yes

Specifications

Camera Model	VD7677L–MZ
Features	
Image Sensor	1/2.8 " Progressive Scan CMOS
Min. Illumination	0 Lux with IR LED's On
Shutter time	1/3s ~1/10,000s
Lens	2.8 ~ 12mm @ F1.4, Angle of view: 98° ~ 30.2°
IR Range	30 metres
Lens Mount	φ14
Iris Mode	Motorized Varifocal Iris
Adjustment Range	Pan: 0°~355°, Tilt: 0°~75°
Day and Night	True Day & Night IR Cut Mechanical Filter
System Compatibility	ONVIF, PSIA, CGI
Video Compression	H.264+ / MJPEG
Bit Rate	32 Kbps ~ 8 Mbps
Dual Stream	Yes
Max. Image Resolution	2688 x 1520)
Frame Rate	50Hz: 25fps (1920 x 1080, 1280 x 720), 20fps (2688 x 1520)
	60Hz: 30fps(1920 x 1080, 1280 x 720) ,20fps(2688 x1520),
Sub Stream	50Hz: 25fps @(640 x 360, 352 x 288)
	60Hz: 30fps @(640 x 360, 352x 240)
Local Storage	Built–in SD/SDHC slot, up to 128GB
Ethernet Port	1x RJ45 10M / 100M Ethernet port

Camera Model	VD7677L–MZ
Features (Continued)	
Wide Dynamic Range	120dB WDR
Misc Configurations	3D–DNR, BLC, ROI
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

Environmental	
Operating Temperature	–30 °C ~ 60 °C (–22 °F ~ 140 °F)
Electrical	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 5.5W
Physical	
Dimensions	140 x 100 mm
Protection	IP66 & IK10
Weight	1010g (2.22lbs)
Regulatory Certifications	FCC, CE, C–TICK, UL

Dimensional Diagrams

139.9
99.9
98.5
50.2   50.2
29   29
58
3-Ø4.7
Unit: mm

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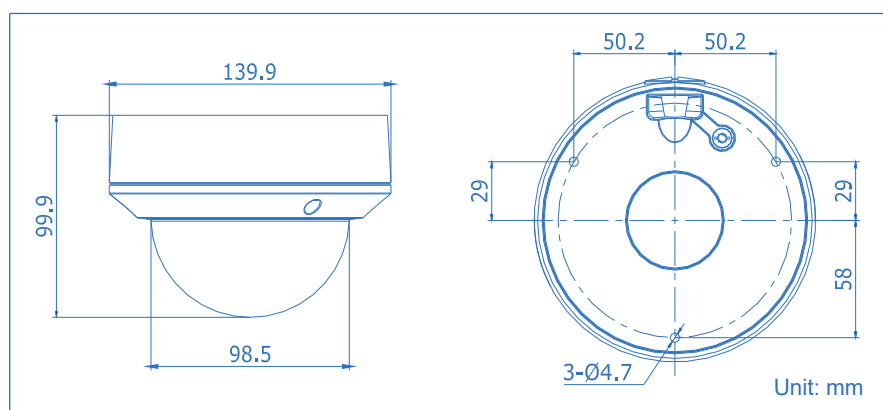
Ordering Information

Camera Model	Camera Details
VD7677L–MZ	4MP (2688 x 1520) Full HD 1080p, Real Time IP Dome, True Day & Night (ICR), Motorized Varifocal 2.8 ~ 12mm Lens, PoE, 120dB WDR, Dual Stream, 3–Axis, Vandal Proof, (VMS, Mobile & NAS Network Storage Support), SD Card support.

Recommended Associated Products

VDB–03	**VDB–04**	VVMS - Advanced™
Pendant Mount Bracket	Wall Mount Bracket with Gang Box	Video Management Software
<2500 grams	<2500 grams	64 Channel
150 (W) x 545 (H) mm	140mm (L) x 193.6mm (W) x 297.5 (H) mm	Mobile Application

Affiliations:

Open Network
Interface Forum

Physical Security
Interportability

Partners:

milestone
Authorized Partner

Genetec

MIRASYS

See Tec
Software for Video Security

Luxriot

Digifort
IP Surveillance System

axxon
Video Surveillance and Security Solutions

exacq
Technologies