

IP Video Surveillance

VS7415 – Network Dome Camera

20x Zoom Speed Dome



Overview

VIDEOTEKNIKA VS7415 is a 2 Megapixel (1080p Full HD Real Time) 360° PTZ high speed dome camera with D-WDR and maximum viewing resolution of 1920 x 1080 suitable for high quality image surveillance requirements. The camera is designed for outdoor use encompassing surge protection and lightning protection. The VS7415 features 256 preset zoom points & 8 programmable patrol patterns, triple simultaneous streaming and multi-level user passwords. The camera incorporates a 1/2.8" CMOS chip enabling sharp images in highly populated locations.

Supported Compression

The VS7415 supports SMART Codec MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. It also supports 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. Finally it also supports the industry standard H.264 compression, the most recent compression technology that reduces video file sizes drastically, allowing for better storage and lowers bandwidth demands.

PTZ Features

The VS7415 is designed to enable up to $\pm 0.1^\circ$ preset accuracy enabling 360° endless panning capability at 160°/sec and Tilting capability of 120°/sec.

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

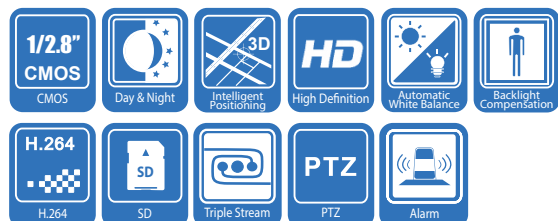
- Full HD (1080p) Real time video
- Up to 2 Megapixel (1920 x 1080) Resolution
- 20x Optical Zoom, 16x Digital Zoom
- 1/2.8" progressive scan CMOS
- 2-Way Audio
- Minimum Illumination : 0.05 Lux (Colour), 0.01 Lux (B&W) @ F1.6
- True Day & Night IR Cut Mechanical Filter (auto-switch)
- Focal Length 4.7 ~ 94mm, 20X
- Dual Simultaneous Streaming
- Supported Video Compression : H.264/MJPEG
- 256 Preset zoom points & 8 patrol features
- Up to 32 users (Levels: Admin, Operator, User)
- Lightning, Surge & Voltage Transient protection
- NAS – Network Storage Compatible
- Videoteknika – VVMS-*Advanced*™ VMS software included
- Videoteknika – VVMS-*Mobile*™ supported on App Store
- Built-in Micro SD / SDHC card slot for local storage



VS7415-20x

IP 2MP Speed Dome

Full HD 1080p



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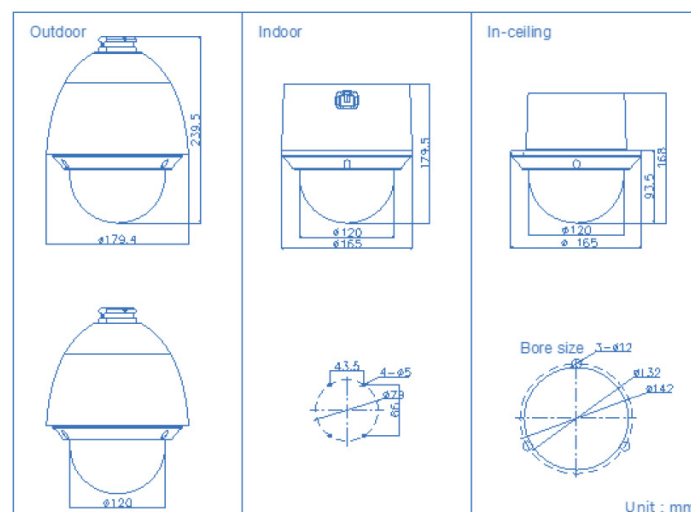


Specifications

Camera Model	VS7415
Features	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.05 Lux (Colour), 0.01 Lux (B&W) @ F1.6
Video Output	Composite Output – 75Ω
Shutter time	1s ~ 1/10,000s
Focal Length	4.7 ~ 94mm, 20x Optical Zoom
	Angle of view: 58.3° ~ 3.2° (Wide-Tele)
Zoom Speed	1 Second (Optical Wide-Tele)
Effective Pixels	1920 (H) x 1080 (V)
Digital Noise Reduction	3D-DNR
WB / AGC / HLC / BLC	Auto / Manual
S/N Ratio	≥ 52dB
Defog	Yes
Wide Dynamic Range	Digital WDR
Digital Zoom	16x
Auto Focus	Auto / Semi-automatic / Manual
Minimum Working Distance	10-1000mm (Wide-Tele)
Aperture Range	F1.6 – F3.5
Pan Range	360° Continuous Rotation
Tilt Range	-2° ~ 90° (Auto Mirror)
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
PTZ Position Display	ON/OFF
Park Action	Preset / Patrol / Pattern / Various scans
Privacy Masking	2 privacy masking zones settable
Monitor Output	1.0Vp-p, 75Ω, BNC
Audio I/O	1 / 1
Alarm I/O	1 / 1
Ethernet	10Base-T / 100Base-TX, RJ45 connector

Camera Model	VS7415
Features (Continued)	
Max. Image Resolution	1920 x 1080
Frame Rate	50Hz: 25 fps (1920 x 1080)
Supported Image Compression	H.264 / MJPEG
Audio Compression	G.711a,u / G.726
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE.
No. of Users	Up to 32 users (3 Levels)
Dual Stream	Supported
Mini SD Card	Supports Manual / Alarm REC, up to 64GB
User Levels	Administrator, Camera control, Live view only
Security Measures	User (ID and PW), Host (MAC address)
Camera Control	Pan/Tilt, Zoom, Focus via mouse from Videoteknika VMS Software
Network Storage	NAS – Network Storage Compatible
ROI & SVC	Supported
Simultaneous Live Views	6
Environmental	
Operating Temperature	-30 °C ~ 65 °C (-22 °F ~ 150 °F)
Electrical	
Input Voltage	AC 24V / PoE+
Power Consumption	18W max
Physical	
Dimensions	180x 240mm (Outdoor)
Weatherproof	IP66 , Lightning, Surge & Voltage Transient protection
Weight	2.05 kg (4.5lbs)
Regulatory Certifications	
	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VS7415-20x	2 MP (1920 x 1080) Full HD 1080p Real Time IP Speed Dome, Optical Zoom 20x, True Day & Night (ICR), Dual Streaming, D-WDR, 3D-DNR, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio, Alarm, SD Card Support.

Recommended Associated Products



BRACKETS	VSDB-01	VSDB-03	VSDB-04
Mount :	Pendant Mount Bracket	Pole Mount Bracket	Corner Mount Bracket
Suitable for :	Indoor / Outdoor 50cm Pendant Mounting	Pole Mounting	Corner Mounting
Weight :	1320 grams	2000 grams	2675 grams
Dimension :	117 (W) x 493 (L) mm	356 (L) x 117 (W) x 201 (H) mm	419.5 (L) x 177 (W) x 194 (H) mm



BRACKETS	VSDB-06	VSDB-07	VVMS-Advanced™
Mount :	Wall Mount Bracket	In-Ceiling Mount Bracket	Video Management Software
Suitable for :	Indoor / Outdoor Wall Mounting	Indoor In-Ceiling Mounting	64 Channel
Weight :	1070 grams	500 grams	Mobile Application
Dimension :	310 (W) x 97 (H) x 194 (L) mm	194 (W) x 86.1 (H) mm	

Affiliations:



Partners:

