

IP Video Surveillance

VS6475 – IP 2MP Full HD 1080p

WDR 20x IR High Speed Dome



Overview

VIDEOTEKNIKA VS6475 is a state of the art Full HD 1080p 2 Megapixel IP Speed Dome with IR capability upto 100 metres delivering maximum viewing resolution of 1920 x 1080 at 0 Lux. The VS6475 incorporates a WDR feature suitable for high quality image surveillance requirements in challenging light conditions. The camera is designed for outdoor use encompassing IP66 rating, surge protection and lightning protection. The VS6475 features 256 preset zoom points & programmable patrol patterns, dual simultaneous streaming and multi-level user passwords. The camera incorporates a 1/2.8" CMOS chip and local storage facility through built-in SD/SDHC slot.

H.264 Video Compression

The VS6475 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. The VS6475 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.

PTZ Features

The VIDEOTEKNIKA VS6475 is designed to enable up to $\pm 0.1^\circ$ preset accuracy enabling 360° endless panning capability at $240^\circ/\text{sec}$ and Tilting capability of $200^\circ/\text{sec}$.

Supported Software

The VS6475 is supported by the Videoteknika *endura*™ VMS. The *endura*™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 256 Channels per server. A 32 Channel version of Endura is supplied as a free bundled software with all Videoteknika IP Cameras. *endura mobile*™ is also available on Iphone, Android and Blackberry applications. Videoteknika IP cameras are supported by varies leading software development VMS partners.

Main Features

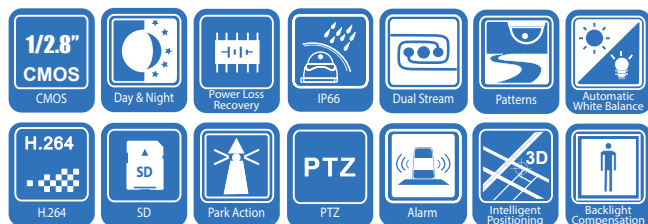
- Infrared PTZ Camera with 100 metres range
- Full HD (1080p) Real time video
- Up to 2 Megapixel (1920 x 1080) Resolution
- 20x Optical Zoom, 12x Digital Zoom
- 1/2.8" progressive scan CMOS
- 128dB Wide Dynamic Range
- Minimum Illumination : 0 Lux with IR
- Focal Length 4.7 – 94mm, 20X
- Dual Simultaneous Streaming
- 2-Way Audio
- Supported Video Compression : H.264
- 256 Preset zoom points & patrol feature
- 7 Alarm inputs / 2 Alarm outputs
- Up to 6 simultaneous users
- IP66 Housing, lightning & surge protection
- NAS – Network Storage Compatible
- Videoteknika – *endura*™ VMS software included
- Videoteknika – *endura mobile*™ supported on App Store
- Built-in Micro SD / SDHC card slot for local storage



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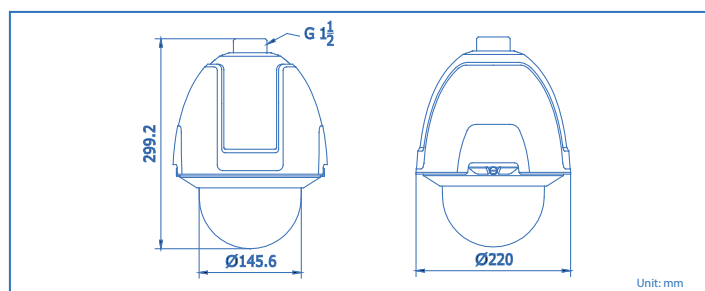
Specifications

Camera Model	VS 6155
Features	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
Video Output	Composite Output – 75Ω
Shutter time	1/50s~1/10,000s
Focal Length	4.7–94mm, 20x
	Angle of view: 55.4° ~ 2.9° (Wide–Tele)
Zoom Speed	2.3 Seconds (Optical Wide–Tele)
Effective Pixels	752(H)x582(V)
White Balance	Auto / Manual / ATW / Indoor / Outdoor
AGC	Auto/Manual
S/N Ratio	≥ 50dB
BLC	ON/OFF
Digital Zoom	12x
Auto Focus	Auto / Semi-automatic / Manual
Minimum Working Distance	10 – 1,000mm (Wide–Tele)
Aperture Range	F1.6 – F3.5
Pan Range	360° Continuous Rotation
Tilt Range	-10° ~ 90° (Auto Flip)
Number of Preset	256
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns
PTZ Position Display	ON/OFF
Park Action	Preset / Patrol / Pattern / scan
Alarm Input	2 inputs (7 inputs optional)
Alarm Output	2 relay outputs, alarm triggering option
Alarm Actions	Preset, patrol, pattern, SD/SDHC card recording, relay output, notification on client
Monitor Output	1.0Vp-p, 75Ω, BNC
Audio Input	Line audio input, 2–2.4Vp-p
Audio Output	Line level, impedance: 600Ω
WDR	128dB (On / Off)

Camera Model	VS 6155
Features (Continued)	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Max.Image Resolution	1920 x 1080
Frame Rate	50Hz: 25 fps (1920 x 1080)
Supported Image Compressions	H.264
Audio Compression	G.711 / 16kbps
Audio Mode	OFF/Audio input/Audio output
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
No. of Users	Up to 6 simultaneous user
Dual Stream	Supported
Mini SD Card	Supports Manual / Alarm REC, up to 32GB
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 <i>endura</i> ™ VMS Software
Network Storage	NAS – Network Storage Compatible
Date & Time Display	Multiple International Format
Presets Namings	Individual via <i>endura</i> ™ VMS Software
RS-485 Protocols	Videoteknika proprietary, Pelco-P, Pelco-D

Environmental	
Operating Temperature	-30°C ~ 65°C (-22°F ~ 149°F)
Electrical	
Input Voltage	24V AC (12V DC optional)
Power Consumption	50W max
Physical	
Dimensions	9.08x 13.84 in. (230.6x 351.5 mm)
Weatherproof Rating	IP66 rated
Weight	5.5kg (12.13lbs)
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VS6155	D1/4CIF IP Outdoor High Speed Dome, Optical Zoom 36x, 100mtrs IR Range, Varifocal 3.4 ~ 122.4mm, PTZ, True Day & Night (ICR), Dual Streaming, IP66 rated, VMS Support, Mobile Support, 2-Way Audio, SD Card Support.
VS6475	2MP (1920 x 1080) Full HD 1080p, Optical Zoom 20x, 100mtrs IR Range, WDR, Varifocal 4.7 ~ 94mm, PTZ, True Day & Night (ICR), Dual Streaming, IP66 rated, VMS Support, Mobile Support, 2-Way Audio, 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	endura 32™
Mount :	Wall Mount Bracket	In-Ceiling Mount Bracket	Video Management Software
Suitable for :	Indoor / Outdoor Wall Mounting	Indoor In-Ceiling Mounting	32 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:

