

IP Video Surveillance

VD6557A Dome Camera

3MP Full HD 1080p



Overview

VIDEOTEKNIKA VD6557A is a compact, stylish and high impact vandal resistant varifocal dome camera designed for indoor applications with a 3 Megapixel sensor enabling a viewing resolution of 2048 x 1536 (1080p HD Real Time). The multitasking day & night camera provides unlevelled 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 VD6557A camera incorporates a 1/3" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VD6557A also supports POE.

Supported Compression

The VD6557A supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VD6557A 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 VD6557A 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.

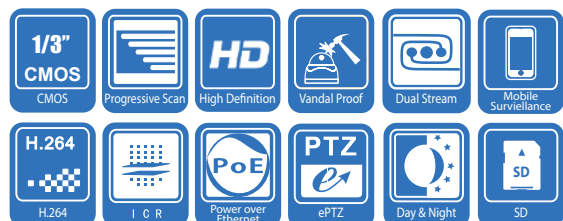
Main Features

- Full HD (1080p) Real time video
- Up to 3 Megapixel (2048 x 1536) Resolution
- 1/3" progressive scan CMOS
- 2-Way Audio
- IP66 & IK10 rated for Outdoor use
- Built-in IR Illuminator, Effective 30 metres
- True Day & Night IR Cut Mechanical Filter (auto-switch)
- Varifocal Lens 2.8 ~ 12mm
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / H.264
- Protective Vandal Resistant 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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Easy setup

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

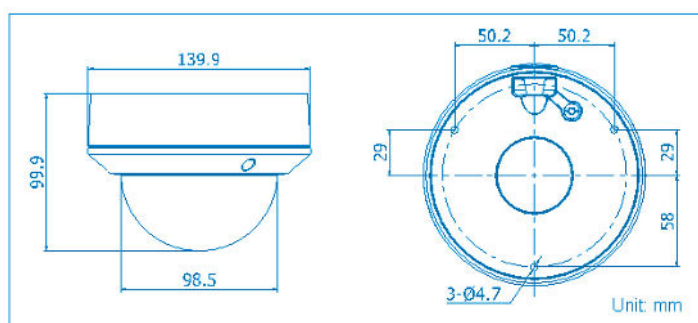
| Typical Camera Locations | VD6557A |
|--------------------------|---------|
| Retail | Yes |
| Banking | Yes |
| Airports | Yes |
| Medical | Yes |
| Parking garages | Yes |
| Domestic | Yes |
| Corporate | Yes |
| Government | Yes |
| Common Areas | Yes |

Specifications

| Camera Model | VD6557A |
|-----------------------|---|
| Features | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0 Lux with IR LED's On |
| Shutter time | 1/25s (1/30s) ~ 1/100,000s |
| Lens | 2.8 ~ 12mm @ F1.4, Angle of view: 98° ~ 30.2° |
| IR Range | 30 metres |
| Lens Mount | φ14 |
| Iris Mode | 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 ~ 16 Mbps |
| Dual Stream | Yes |
| Max. Image Resolution | 2048 x 1536 |
| Frame Rate | 50 Hz: 12.5fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) |
| | 60 Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720) |
| Local Storage | Built-in SD/SDHC slot, up to 64 GB |
| Ethernet Port | 1x RJ45 10M / 100M Ethernet port |

| Camera Model | VD6557A |
|----------------------------------|--|
| Features (Continued) | |
| D-WDR | Digital Wide Dynamic Range |
| Misc Configurations | 3D-DNR, BLC |
| Alarm Input / Alarm Output | 1 / 1 |
| Audio Input / Output | (2-way) 1-ch mic in / 1-ch audio interface |
| 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 | 5.51 x 3.94 in. (140 x 100 mm) |
| Impact Protection | up to IK10 |
| Weight | 1000g (2.2lbs) |
| Regulatory Certifications | |
| | FCC, CE, C-TICK, UL |

Dimensional Diagrams



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Ordering Information

| Camera Model | Camera Details |
|----------------|--|
| VD6557A | 3MP (2048 x 1536) Full HD 1080p, Real Time IP Dome, True Day & Night (ICR), Varifocal 2.8 ~ 12mm Lens, PoE, 2-Way Audio, Dual Streaming, 3-Axis, Vandal Proof, (VMS, Mobile & NAS Network Storage Support), SD Card support. |
| VD6554 | 3MP (2048 x 1536) Full HD 1080p, Real Time IP Dome, True Day & Night (ICR), Fixed 4mm, Dual Streaming, PoE, 3-Axis, Vandal Proof, VMS Support, Mobile Support, NAS Network Storage Support. |
| VD6254 | 1.3 MP (1280 x 960) HD 720p Real Time IP Dome, True Day & Night (ICR), Fixed 4mm, Dual Streaming, PoE, 3-Axis Vandal Proof, VMS Support, Mobile Support, NAS Network Storage 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:



Partners:

