IP Video Surveillance
VS7355 – 2MP Camera
30x Zoom IR Speed Dome

Overview
VIDEOTEKNIKA VS7355 is a 2 Megapixel 360° PTZ high speed dome camera with with D-WDR & maximum viewing resolution of 1920x1080 (1080p HD Real Time) suitable for high quality image surveillance requirements. The camera is designed for outdoor use encompassing IP66 rating, surge protection and lightning protection. The VS7355 features privacy masking, 256 preset zoom points & programmable patrol patterns, dual simultaneous streaming and multi-level user passwords. The camera incorporates a 1/2.8” Progressive Scan CMOS technology enabling sharp images in highly populated locations.

H.264 Video Compression
The VS7355 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 VS7355 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 VS7355 is designed to enable up to ± 0.1 ° preset accuracy enabling 360° endless panning capability at 240°/sec and Tilting capability of 200°/sec.

Supported Software
The Camera is supported by the Videoteknika VVM-S-Xpert™ VMS. The VVM-S-Xpert™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 1024 Channels per server. A 64 Ch version VVM-S-Advanced™ is supplied as a free bundled software with all Videoteknika IP Cameras. VVM-S-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
• 30x Optical Zoom
• 1/2.8” progressive scan CMOS
• 2-Way Audio
• Minimum Illumination: 0 Lux with IR LED On
• 120 metres IR range
• Day & Night IR Cut filter
• Focal Length 4.3 ~ 129mm, 30x
• Digital Wide Dynamic Range
• Dual Simultaneous Streaming
• Supported Video Compressions: H.264
• 256 Preset zoom points & patrol feature
• Privacy Masking
• Up to 6 simultaneous users
• IP66 Housing, lightning & surge protection
• NAS – Network Storage Compatible
• Videoteknika – VVM-S-Advanced™ VMS software included
• Videoteknika – VVM-S-Mobile™ supported on App Store
• Built-in Micro SD / SDHC card slot for local storage

VS7355
IP 2MP Full HD 1080p
30x High IR Speed Dome
# Specifications

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>VS7355</th>
</tr>
</thead>
</table>

## Features
- **Image Sensor**: 1/2.8" Progressive Scan CMOS
- **Min. Illumination**: 0 Lux with IR LED On
- **IR range**: 120 metres
- **Shutter time**: 1 ~ 1/10,000s
- **Focal Length**: 4.3 ~ 129mm, 30x  
  - Angle of view: 65.1° ~ 2.34° (Wide-Tele)
- **Zoom Speed**: 3 Seconds (Optical Wide-Tele)
- **Effective Pixels**: 1920(H)x1080(V)
- **White Balance**: Auto / Manual / One Touch WB / ATW
- **AGC**: Auto / Manual
- **S/N Ratio**: ≥ 52dB
- **BLC**: ON / OFF
- **Auto Focus**: Auto / Semi-automatic / Manual
- **Minimum Working Distance**: 10 ~ 1,500mm (Wide-Tele)
- **Aperture Range**: F1.6 ~ F5.0
- **Pan Range**: 360° Continuous Rotation
- **Tilt Range**: -15° ~ 90° (Auto Flip)
- **Number of Preset**: 256
- **Patrol**: 8 patrols, up to 32 presets per patrol
- **Pattern**: 4 patterns
- **PTZ Position Display**: On / Off
- **D-WDR**: Digital Wide Dynamic Range
- **Audio Input**: Line audio input, 2 ~ 2.4Vp-p
- **Audio Output**: Line level, Impedance: 600Ω
- **Ethernet**: 10Base-T / 100Base-TX, RJ45 connector
- **Max. Image Resolution**: 1920x1080
- **Frame Rate**: 50Hz: 25 fps (1920 x 1080)

## Features (Continued)
- **Supported Image Compressions**: H.264 / MPEG-4
- **Audio Compression**: G.711u / G.711a / G.726
- **Audio Mode**: OFF / Audio input / Audio output
- **Protocols**: TCP/IP, HTTP, DHCP, DNS, RTSP, 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 VMS Software
- **Network Storage**: NAS – Network Storage Compatible
- **Date & Time Display**: Multiple International Format
- **Presets Namings**: Individual via 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**: 24 VAC / (Optional) PoE+
- **Power Consumption**: Max. 30W / 21W (IR On / Off)

## Physical
- **Dimensions**: 8.66 x 13.91 in. (220 x 353.4 mm)
- **Weatherproof Rating**: IP66 rated
- **Weight**: 5.5kg (12.13lbs)

## Regulatory Certifications
- **FCC, CE, C-TICK, UL**

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**Dimensional Diagrams**

![Dimensional Diagrams](image-url)
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Ordering Information

<table>
<thead>
<tr>
<th>Camera Model</th>
<th>Camera Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS7255–30x</td>
<td>1.3 MP (1280 x 960) HD 720p Real Time IP Speed Dome, Optical Zoom 30x, 120 mtrs IR Range, True Day &amp; Night (ICR), Dual Streaming, IP66 rated, VMS Support, Mobile Support, NAS Network Storage Support, 2–Way Audio, SD Card Support.</td>
</tr>
<tr>
<td>VS7255–20x</td>
<td>1.3 MP (1280 x 960) HD 720p Real Time IP Speed Dome, Optical Zoom 20x, 120 mtrs IR Range, True Day &amp; Night (ICR), Dual Streaming, IP66 rated, VMS Support, Mobile Support, NAS Network Storage Support, 2–Way Audio, SD Card Support.</td>
</tr>
</tbody>
</table>

Recommended Associated Products

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

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

Affiliations:

Onvif: Open Network Interface Forum
PSIA: Physical Security Interoperability