



# VEILUX®

## H.264 MEGA GUN IP CAMERA

### VSIP-1.3



1.3  
MEGA PIXELS



VOLTAGE 12DC



DC IRIS



POWER OVER ETHERNET

## SPECIFICATIONS

| ITEM                  | VSIP-1.3                                                                                                                                                                      |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>         |                                                                                                                                                                               |
| Image Device          | 1.3 Mega-Pixel Image Sensor                                                                                                                                                   |
| Effective Pixel       | 1280 x 1024 Pixels                                                                                                                                                            |
| Sensitivity           | 1.0 V / Lux-Sec (550nm)                                                                                                                                                       |
| Signal to Noise       | 44dB                                                                                                                                                                          |
| Lens                  | F: 1.8; f 4.3mm, C/CS Mount &(Optional)                                                                                                                                       |
| IRIS Control          | DC IRIS Lens                                                                                                                                                                  |
| ICR                   | Yes (Auto, Manual, Sheduler, Delay Time)                                                                                                                                      |
| <b>Pan &amp; Tilt</b> |                                                                                                                                                                               |
| Preset Points         | 128 Preset Points (Maximum)                                                                                                                                                   |
| Camera Tour           | 16 Tours                                                                                                                                                                      |
| Compression Format    | H.264, MPEG-4, MJPEG                                                                                                                                                          |
| <b>IP Module</b>      |                                                                                                                                                                               |
| <b>Video</b>          |                                                                                                                                                                               |
| Video Encoder         | H.264, MPEG4 and Motion JPEG Simultaneously (Tri-Encorders)                                                                                                                   |
| Video Profile         | 13 Profiles Simultaneously<br>H.264: SXGA / VGA / QVGA / QQVGA<br>MPEG4: VGA / QVGA / QQVGA<br>M-JPEG: SXGA / VGA / QVGA / QQVGA<br>RoI-1: H.264 @ VGA<br>RoI-2: H.264 @ QVGA |

## FEATURES

- H.264, MPEG4 and Motion JPEG Simultaneously (Tri-Encorders)
- Built in ICR. ICR Can Be Setup Via Auto, Threshold, Scheduler, Delay Time
- Support DC Iris Lens
- Comprehensive I/O Ports: MIC In, Audio Out, DI, DO, RS485, RJ45
- Built in Power Over Ethernet
- Support Various Protocols: RTSP, UPnP, 3GPP, HTTPS, Multi-Cast, Unicast, Samba
- Event Trigger Action: Send to NAS, Send to FTP, Send to Email, Voice Alert, Go Preset and Tour (with PT Scanner), Notify to HTTP/TCP Servers

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| ITEM                                   | VSIP-1.3                                                                                                                                                                                                                                                           |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Region of Interest                     | H.264 VGA and H.264 QVGA User Defined Windows (Saving Bandwidth, Get Stream of Interested)                                                                                                                                                                         |
| Frame Rate                             | Mega-Pixel Mode: Up to 15fps For All Profiles<br>VGA Mode: Up to 30fps for VGA or Less Profiles                                                                                                                                                                    |
| Image Setting                          | De-Noise, Brightness, Sharpness, Contrast, Text, Time, and Date Overlay                                                                                                                                                                                            |
| Streaming                              | Simultaneously Multi-Profile Streaming<br>Streaming Over UDP, TCP, or HTTP<br>Multicast Streaming<br>M-JPEG Streaming Over HTTP<br>Supports 3GPP Mobile Surveillance<br>Controllable Frame Rate and Bandwidth<br>Constant and Variable Bit Rate<br>(MPEG4 / H.264) |
| <b>Audio</b>                           |                                                                                                                                                                                                                                                                    |
| Audio Ecoder                           | RTSP: G.711 64kbps, G.726 32kbps<br>3GPP: AMR                                                                                                                                                                                                                      |
| Audio Streaming                        | One-Way or Two-Way                                                                                                                                                                                                                                                 |
| Microphone                             | Built-in Microphone Input                                                                                                                                                                                                                                          |
| Audio Output                           | Line Level Out                                                                                                                                                                                                                                                     |
| <b>Network</b>                         |                                                                                                                                                                                                                                                                    |
| Supported Protocols                    | TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, SAMBA, HTTPS (By Request), SIP (By Request)                                                                                                        |
| Security                               | Password Protection, IP Address Filtering, User Access Log                                                                                                                                                                                                         |
| Users                                  | 20 Simultaneous Unicast Users Unlimited Users Using Multicast                                                                                                                                                                                                      |
| Ethernet                               | 10/100M Auto Negotiation                                                                                                                                                                                                                                           |
| <b>System Integration</b>              |                                                                                                                                                                                                                                                                    |
| Application Program-<br>ming Interface | Open API For Software Integration SDK                                                                                                                                                                                                                              |
| Alarm Triggers                         | Intelligent Video Motion Detection and External Input                                                                                                                                                                                                              |
| Motion Detection                       | 10-Zone Video Motion Detection                                                                                                                                                                                                                                     |

|                       |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alarm Events          | File Upload Via FTP or Email<br>File Upload to NAS Via Samba Protocol<br>Notification Via Email, HTTP, and TCP<br>External Output Activation<br>Go to PTZ Preset Position<br>Audio Alerting Output                                                                                                                                       |
| Video Buffer          | Pre- and Post- Alarm Buffering                                                                                                                                                                                                                                                                                                           |
| <b>General</b>        |                                                                                                                                                                                                                                                                                                                                          |
| RAM                   | 128MB                                                                                                                                                                                                                                                                                                                                    |
| ROM                   | 8MB                                                                                                                                                                                                                                                                                                                                      |
| Power Supply          | 12VDC External Power Adapter                                                                                                                                                                                                                                                                                                             |
| PoE                   | IEEE 802.3af                                                                                                                                                                                                                                                                                                                             |
| Power Consumption     | 4W Max                                                                                                                                                                                                                                                                                                                                   |
| Connectors            | RJ-45 10Base T / 100Base TX<br>DC Jack<br>1 Alarm Input and 1 Output<br>RS-485<br>Audio Out<br>DC IRIS                                                                                                                                                                                                                                   |
| Indication LED        | Two LEDs                                                                                                                                                                                                                                                                                                                                 |
| Protection Class      | Indoor Use (Outdoor Housing Accessory)                                                                                                                                                                                                                                                                                                   |
| Operating Temperature | 0°C to 40°C (32°F to 104°F)                                                                                                                                                                                                                                                                                                              |
| Operating Humidity    | 20% ~ 80% (Non-Condensing)                                                                                                                                                                                                                                                                                                               |
| <b>Viewing System</b> |                                                                                                                                                                                                                                                                                                                                          |
| OS                    | Windows® XP, Vista, Windows 7                                                                                                                                                                                                                                                                                                            |
| Browser               | IE 6.0 or Latter / Firefox 2.0 or Later / Safari                                                                                                                                                                                                                                                                                         |
| Cell Phone            | With 3GPP Player                                                                                                                                                                                                                                                                                                                         |
| Video Player          | VLC, Quick Time, Real Player, Coreplayer                                                                                                                                                                                                                                                                                                 |
| <b>Software</b>       |                                                                                                                                                                                                                                                                                                                                          |
| Search & Installation | IP Wizard II                                                                                                                                                                                                                                                                                                                             |
| Bundled NVR Program   | 64ch. Multi-Channel Supports Tri-Decoder<br>16ch. Video Playback (Simultaneously)<br>Smart & Scable Digital Zoom. Snapshot and Edit<br>Motion, DI, Scheduler Recording<br>Fast Rewind and Forward (MPEG4, H.264, MJPEG Rewind)<br>32 x 24 Motion Detection Grids<br>Smart Search (By Time, By Motion)<br>E-MAP<br>Event Schedule Setting |

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