

# OUTDOOR NETWORK BULLET CAMERA



Made In Japan

**MASAMITSU**  
SECURITY TECHNOLOGY OF JAPAN

5.0 / 3.0 Mega-Pixel  
H.265 Support

**ONVIF** | **S**

Ver. 2.4 Compliant



MSIPV4-80VS-Px MSIPV4-80JS-Px

- Built with **Ray Gold Board**
- 1/2.7" 5.0 Mega CMOS Sensor (MSIPV4-80VS-Px)
- 1/2.7" 3.0 Mega CMOS Sensor (MSIPV4-80JS-Px)
- 2.8~12 mm Motorized Vari-Focal lens
- True Day/Night with ICR
- Back Light Compensation
- Digital WDR ,Privacy Mask ,Sens-Up
- Smart Motion Detection

- High contrast image at night with customized optical components
- SMT IR LED Max. 30~35 meters true Night Vision Distance
- Ultra clear image at night without dark corner
- IEEE 802.3AF Class 2 PoE or 12VDC

# MSIPV4-80VS-Px (5.0 Mega) / MSIPV4-80JS-Px (3.0 Mega)

## OUTDOOR NETWORK BULLET CAMERA



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Product may vary in appearance and specifications.

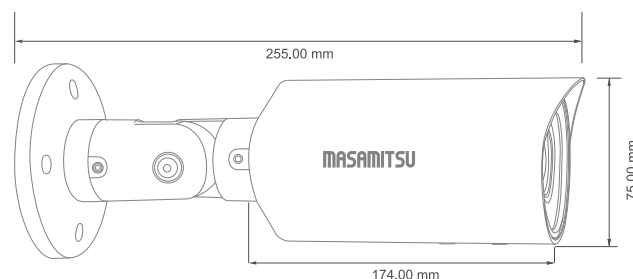
- 1/2.7" 5.0 Mega CMOS Sensor (MSIPV4-80VS-Px)
- 1/2.7" 3.0 Mega CMOS Sensor (MSIPV4-80JS-Px)
- Image Resolution and FPS :
  - 15fps-2560x1960 (MSIPV4-80VS-Px)
  - 20fps- 2048x1536 (MSIPV4-80JS-Px)
  - 25fps-1920x1080 /1280x960 /1280x720
- Dual Stream: Support Main Stream and Sub-stream
- 2.8~12 mm Motorized Vari-Focal Lens
- True Day / Night with ICR on Sensor
- H.265,H.264,MJPEG Compression
- Support IE Operation and CMS Operation
- Support ONVIF Profile S Ver.2.4 or 3rd.Party NVR / HVR on Request
- IP66 OUT-DOOR Housing
- Protocol HTTP, PPPoE, UPNP, FTP, DDNS, VPN, RTSP, etc.
- Support D-WDR (Digital Wide Dynamic Range) / Auto Exposure / White Balance / Motion Detection / BLC / Image Setup / Day / Night/AGC, Privacy Mask, Temper Detection Function, etc.
- Power Supply: 12V DC Input & PoE IEEE 802.3af Class 2
- Lowest Power Consumption
- Lowest Heat on Board for Long Life of Camera
- 30~35 meters true Visual Distance
- SMT IR LED Supreme Night Visibility & Uniform IR

### TECHNICAL SPECIFICATIONS

| Model Name                 | MSIPV4-80VS-Px (5.0 Mega)  | MSIPV4-80JS-Px (3.0 Mega)  |
|----------------------------|--|--|
| <b>VIDEO PARAMETERS</b>    |  |  |
| Imaging Device             | 1/2.7" 5.0 Mega CMOS Sensor  | 1/2.7" 3.0 Mega CMOS Sensor  |
| Total Pixels               | 2,560(H)X1,960(V)  | 2,048(H)X1,536(V)  |
| Scanning System            | Progressive Scan Sensor  |  |
| Min. Illumination          | Color: 0.1Lux@F1.2 (AGC OFF), B/W: 0.01Lux@F1.2 (AGC ON)   |  |
| S/N Ratio                  | More than 50 dB (AGC OFF)  |  |
| Video Compression Format   | H.265, H.264, M-JPEG   |  |
| Video Quality Adjustment   | H.265, H.264: Compression Level, Target Bit rate Level Control (CBR/VBR), M-JPEG: Quality Level Control            |  |
| Data Rate Control Method   | Video Compression level of H.265, H.264, Video Frame rate, Bit rate CBR or VBR                                     |  |
| Dual Stream                | Main Stream:<br>2560*1960/2592*1520 /<br>2048*1536/1920*1080<br>Sub Stream:<br>720*576/640*480/<br>640*352/320*240 | Main Stream:<br>2048*1536/1920*1080/<br>1280*720<br>Sub Stream:<br>720*576/640*480/<br>640*352/320*240 |
| Max. Frame rate            | 2560*1960@15fps;<br>2592*1520@25fps;<br>2048*1536@25fps  | 3.0 Mega@20fps<br>1080P@25/30fps;<br>960P@25/30fps;<br>720P@25/30fps                                   |
| <b>LENS PARAMETER</b>      |  |  |
| Lens Type                  | 2.8~12 mm Motorized Vari-Focal Lens  |  |
| <b>OTHER FUNCTIONS</b>     |  |  |
| WDR (Two Exposure)         | N.A  |  |
| Digital Wide Dynamic Range | Support All Models   |  |
| Audio In                   | Optional   |  |
| Audio Out                  | Optional   |  |
| Alarm In                   | Optional   |  |
| WiFi or TF Card (Micro SD) | Optional   |  |
| Day&Night                  | Support All Models   |  |
| Digital Noise Reduction    | 3DNR   |  |
| Motion Detection           | 4 Area Selectable Support  |  |
| Privacy Masking            | 4 Area Selectable Support  |  |
| Gain Control               | Max. AGC to 255  |  |
| White Balance              | Auto White Balance (AWB)   |  |
| Electronic Shutter Speed   | Auto/A.FLK/Manual  |  |
| Flip/Mirror                | Support All Models   |  |

| IR PARAMETERS WITH SELECTION OF LENS |   |
|--------------------------------------|---|
| True Wide 2.8~12 mm Lens             | Split Beam Customized SMT IR LED                  |
| IR Distance & Lens                   | 2.8~12 mm lens (30~35 mt.)                        |
| <b>NETWORK PARAMETERS</b>            |   |
| Ethernet                             | RJ45 for 10BASE-T/100BASE-TX PoE                  |
| Protocol                             | HTTP, PPPoE, UPNP, FTP, DDNS, VPN, RTSP etc.      |
| ONVIF Conformance                    | Support ONVIF Profile S Ver.2.4                   |
| Central Management Software          | Support   |
| <b>ENVIRONMENTAL PARAMETERS</b>      |   |
| Operating Temperature/ Humidity      | -10°C to +50°C, 0% to 90% (non-condensing)        |
| Ingress Protection                   | Waterproof Housing (IP66)                         |
| <b>ELECTRICAL PARAMETERS</b>         |   |
| Power over Ethernet                  | Power over Ethernet IEEE 802.3af Class 2          |
| Input Voltage/ Current               | 190mA/DC12V; 330mA/DC12V with IR LED ON           |
| Power Consumption                    | Day:2.3W Night:3.96W                              |
| <b>MECHANICAL PARAMETERS</b>         |   |
| Color/ Material                      | Body: White Epoxy Spray Paint / Aluminum Dai Cast |
| Dimensions                           | 255.0mm (L) X 174.0mm (W) X 75.0mm (H)            |
| Weight                               | Approx. 600g                                      |

### DIMENSIONS



The above mentioned technical drawings are for reference only.

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