

# 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-Lx MSIPV4-80JS-Lx

- Built with **Ray Gold Board**
- 1/2.7" 5.0 Mega CMOS Sensor (MSIPV4-80VS-Lx)
- 1/2.7" 3.0 Mega CMOS Sensor (MSIPV4-80JS-Lx)
- 2.8~12 mm Manual 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-Lx (5.0 Mega) / MSIPV4-80JS-Lx (3.0 Mega)

## OUTDOOR NETWORK BULLET CAMERA



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Product may vary in appearance and specifications.

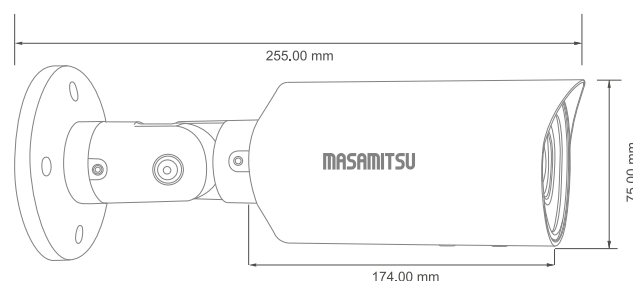
- 1/2.7" 5.0 Mega CMOS Sensor (MSIPV4-80VS-Lx)
- 1/2.7" 3.0 Mega CMOS Sensor (MSIPV4-80JS-Lx)
- Image Resolution and FPS :
  - 15fps-2560x1960 (MSIPV4-80VS-Lx)
  - 20fps- 2048x1536 (MSIPV4-80JS-Lx)
  - 25fps-1920x1080 /1280x960 /1280x720
- Dual Stream: Support Main Stream and Sub-stream
- 2.8~12 mm Manual 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-Lx (5.0 Mega)	MSIPV4-80JS-Lx (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: 2560*1960/2592*1520 / 2048*1536/1920*1080 Sub Stream: 720*576/640*480/ 640*352/320*240	Main Stream: 2048*1536/1920*1080/ 1280*720 Sub Stream: 720*576/640*480/ 640*352/320*240
Max. Frame rate	2560*1960@15fps; 2592*1520@25fps; 2048*1536@25fps	3.0 Mega@20fps 1080P@25/30fps; 960P@25/30fps; 720P@25/30fps
<b>LENS PARAMETER</b>		
Lens Type	2.8~12 mm Manual 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	

<b>IR PARAMETERS WITH SELECTION OF LENS</b>	
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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