

# MoviSight

## MS7523-F833-N

### 4K 23x IP Rugged Vehicle PTZ Camera



## Features

### Excellent Image Quality

- 4K Megapixel 1/1.7" Progressive Scan CMOS Sensor
- High definition and smooth picture, 4K@30fps
- H.265 video codec, saves up to 50% bandwidth and storage
- Ultra low illumination, 0.006lux with color picture
- IR automatically adjust
- 120dB Ultra WDR
- 3D noise reduction / HLC / BLC

### Long Operation Lifespan

- Industrial components, withstands operation temperatures of -40°C ~ 70°C
- IP66, TVS 6000V lightning protection, surge protection and voltage transient protection

### Large Scale

- 23x optical zoom
- IR distance up to 200m

### Abundant Functions and Features

- Micro SD card optional, supports Automatic Network Replenishment (ANR)
- Wiper supported
- Vehicle based PT structure

## Specifications

	MS7523-F255-NL
<b>Camera</b>	
Image Sensor	1/1.7" Progressive Scan CMOS
Pixels	2.0 Megapixel
Min. Illumination	Color: 0.006lux @ (F1.6, AGC ON) B/W: 0.0006lux @ (F1.6, AGC ON); 0lux with IR
Shutter Speed	1 ~ 1/30,000S
Day / Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	Ultra WDR, 120dB
S/N Ratio	>57dB
White Balance	Auto / Manual
Gain Control	Auto / Manual
Backlight Compensation	Off / WDR / BLC / HLC
<b>Lens</b>	
Focal Length	6 ~ 138mm, 23x optical
Zoom Speed	Approx 3s (Optical)
Angle of View	60° ~ 3.8° (Wide~Tele)
Min. Object Distance	10 ~ 1500mm (Wide~Tele)
Max. Aperture Ratio	F1.5 (Wide) / F3.4 (Tele)
Focus Control	Auto / Manual / Semi-Automatic
<b>Infrared</b>	
IR LED	7pcs IR LED Array
IR Distance	150 ~ 200m
IR Intensity	Automatically adjust according to zoom ratio
<b>Pan and Tilt</b>	
Pan / Tilt Range	360° Endless / - 85° ~ 85° (Auto Flip)
Pan / Tilt Speed	Pan manual speed: 0.1° ~ 60°/s; Pan preset speed: 100°/s Tilt manual speed: 0.1° ~ 40°/s; Tilt preset speed: 80°/s
Proportional Zoom	Pan / Tilt speed can be adjusted automatically according to zoom multiples
Preset	256
Patrol	8 Patrols scheme, up to 32 presets per patrol
Pattern Scan	4 Scan paths, each path can record 10 minutes of operation path
Power-off Memory	Power-off memory / Power-on recovery
Auto Guard	Path / Preset / Mixed / Pan scan / Tilt scan / Frame scan / Random scan / Panorama scan
PT Limit	Manual / Scan / Pan
3D Positioning	PTZ control with mouse click and drag
Wiper	Supported
<b>Video</b>	
Compression Format	H.265 / H.264 / MJPEG
Image Resolution	Main stream: 4K Secondary stream: 1080P Third stream: 720P
Frame Rate	Main stream: 4K@30fps Secondary stream: 1080P@30fps Third stream: 720P@60fps
Bitrate	32kbps ~ 16Mbps
Bitrate Control	VBR / CBR
Multi stream	Supported
Caption	Date and time / Alarm / Direction / Customized
Privacy Masking	Up to 4 zones
Motion Detection	Up to 4 zones
Video Freeze	Supported
ROI	Supported
Digital Noise Reduction	3D noise reduction
Digital Defog	Supported
Image Flip	Flip / Mirror
<b>Network</b>	
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, VSIP, UPnP, 802.1x, NAT, QoS, SMTP, IPv4, IPv6 (optional)
User Interface	IPC Control (IE, Firefox, Chrome)
Max. User Access	Max. 10 Users (include 2 internal)
Application Programming	Onvif (Profile S, Profile G), GB/T 28181-2016, API, CGI
<b>Alarm</b>	
Alarm Triggers	Network disconnect
Alarm Events	Alarm report / Text overlay / Email notice
<b>Interfaces</b>	
Ethernet	10/100M, RJ45 interface
Control	1 x RS485
Video Out	1 x BNC
Memory Slot	Built-in Micro SD card (optional), up to 256GB
<b>Environmental</b>	
Operating Temperature	-40°C ~ 70°C / -40°F ~ 158°F
Operating Humidity	10% ~ 95%
Protection Level	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
<b>Electrical</b>	
Power	9 ~ 36V DC, wide range voltage input
Power Consumption	Max. 50W (IR on)
<b>Mechanical</b>	
Weight	11.2kg / 24.69lb (Gross Weight)
Dimensions	398 × 212 × 244mm / 15.67" × 8.35" × 9.61"

## Dimensions

Units: mm

