

MoviSight

MS-7FEX SERIES

Dual Output FHD Fixed Zoom SDI+IP Camera

KEY FEATURES



1080P
Full HD

ONVIF

SDI+IP
TRUE Dual Output

VISCA

- TRUE Dual Output: 3G-SDI(1080p, 1080i)+IP Simultaneous
SDI Resolution: Up to 1080p60, 1080i59.94
- Zoom: 30X, 12X Digital Zoom
- Video Output: 3G-SDI + IP
- Control: VISCA, PELCO-D, ONVIF IP, VISCA OVER IP
- Wide Dynamic Range
- Image Stabilizer
- Environmental: IP68, Rugged Construction

DESIGN



- MoviSight Dual Output PTZ cameras provide simultaneous 3G-SDI and IP video outputs for local no latency video and remote IP video streaming.
- It is a TRUE Dual Output PTZ, which outputs SDI with 1080i or 1080P independently while having IP 1080P streaming where most of other cameras only support SDI 1080P +1080P IP.
- B-Class for broadcast use to have up to 1080i59.94 output and Visca or Visca Over IP control.



- High Definition Optical Glass completed with Double Sided Coating prevents water seepage and increases light penetration of up to an additional +5%.
- Internal face plate heater removes moisture formation inside the camera due to condensation under extreme temperature change environments.



- IP68 sealing and dry nitrogen pressurization not only protects electrical, mechanical, and optical components to remain free from contaminants but also prevents condensation on the lens and interior of the housing faceplate.
- No oxidation or corrosion to circuit boards, solder joints, wiring, or metal parts. It extends the life of the camera significantly.



- Hardened Metal Alloy Casing and water proof connector protect against dust, and against the effects of water immersion.
- Corrosion resistant housing treatment for salt spray environment use.
- MS connector on housing with detachable 5ft long Tail-cable water proof RJ45/Power/RS422/BNC connector.

FUNCTIONALITY

- IP68, Waterproof Connector, Faceplate heater, Nitrogen Pressurized Housing, Corrosion Resistant Housing.
- Wide operating temperature range, -40°C to 65°C continuous, up to 74°C for 12 hours.
- Infrared LED, Illumination up to 50 meters
- Built-in electrical transient/surge protection
- Digital Zoom, True WDR, BLC, Defog
- Single Cat5e cable installation
- Power: POE+, 12VDC



MS connector on housing with detachable 5ft long Tail-cable water proof RJ45/Power/RS422/BNC connector.

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Product Specification

Model No.	MS-7FEX30SHD-B-RSNP2
Camera	30X
Image Sensor	1/2.8 inch CMOS 2.13MP
Lens	30X, 4.3~129mm, 12X Digital Zoom
Horizontal Angle of View	63.7°(W)~2.3°(T)
Aperture	F1.6(W)~F4.7(T)
Min. Illumination	Color: 0.01 lux (F1.6,AGC on,1/30s, High sensitive mode), 0.1 lux(F1.6,AGC on,1/30s, Normal sensitive mode)
Shutter Speed	1/1~1/10000s
Focus	Auto, Push
White Balance	Auto,Indoor,Outdoor,Manual,OPW,ATW
Exposure	Auto,Manual,Shutter/Iris Priority
Day/Night	YES
Backlight Compensation	YES
WDR	YES, 130db
Privacy Zone Masking	-
Defog	YES
Motion Detection	-
Noise Reduction	2D/3D
S/N Ratio	≥50db
Low latency Mode	YES
Mechanical	
Pan Movement	-
Tilt Movement	-
Preset Position	16 Zoom Position
Home Position	YES
Cruise	-
Environmental	Outdoor/Indoor, IP68, Corrosion Resistant Treated Housing, Nitrogen Pressurized Housing, Faceplate Heater, Water Proof Connector, Sun-Shield
Infrared	Infrared Illumination distance up to 50 Meters.
Connector	MS connector on housing with detachable 5ft long Tail-cable water proof RJ45/12VDC Power/RS422/BNC connector
Network	
Video Compression	MJPEG,H.264, H.265
Resolution/Frame Rate	Supports: 1080p:60/50/30/25, 720p:6-/5030/25
Protocols	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTSP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,, RTMP, HTTP,SNMP,SIP
Multi-stream	3 streams
Audio Compression	AAC-LC Broadband Audio Encoding
OSD	Yes, Customized OSD with logo overlay
Compatible Integration	ONVIF 2.4
3G-SDI Signal	
3G-SDI	Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable) B Class
SDI Signal Format	1080p: 60/59.94/50/30/29.97/25, 1080i: 60/59.94/50, 720p: 60/59.94/50/30/25
Interface	
Network	10M/100M/1000M Base-TX Ethernet, RJ45
Control Interface	RS485,RS422, IP
Control Protocol	PELCO-D/P / IP Onvif / VISCA / VISCA OVER IP
Audio I/O	Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p], (Not Included, Optional)
Alarm I/O	Alarm Input X1, Alarm Output 1X1,(Not Included, Optional)
Edge Storage	Micro SD, Up to 64GB(Optional)
General	
Operating Temperature	-40 to +65
Operating Humidity	100% Suitable for Use
Power Input	PoE+ (IEEE 802.3at), 12VDC(5.5x2.1mm Jack)
Power Consumption	12W(IR & Heater Off), 22W (IR & Heater On)
Dimension	Φ136×315mm
Weight	3.4kg

ORDER INFORMATION

- MS-7FEX30SHD-B-RSNP2 (FHD, SDI+IP, POE, B-Class)
- MS-7FEX-WM-A (Wall mount bracket, Alluminum Alloy)
- MS-7FEX-WM-S (Wall mount bracket, Stainless steel)