MoviSight
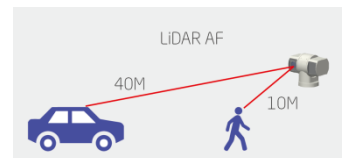
- Deep Neural Network Accelerated Engine
- Single or Dual Lens Imaging
- Seamless 360° pan rotation and full vertical tilt angle
- IR LED Illumination built in
- LiDAR and Wiper support*
- Vandal Proof and Weatherproof
- Servo Feedback
- Nanotechnology Windows Protection*
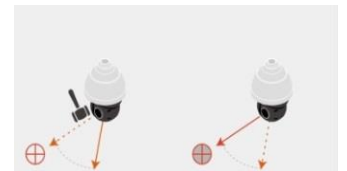
*optional

Advanced Auto Focus

The Advanced AF technology, combines built-in LiDAR module with the machine learning contrast auto focus, greatly helps the camera to focus faster, achieve better accuracy and escalate focus performance to another level.

Servo Feedback

IR Positioning Camera features Servo Feedback technology. When encountering external force, such as vandalism, or environmental vibration, the IR Positioning Camera can immediately return to its original position.

Features

- Sony Progressive Scan CMOS Sensor support 8M Resolution
- 8M, 31x Optical Zoom available
- LiDAR & Wiper support*
- Multi Exposure HDR (Visible)
- Electrical Image Stabilizer (EIS) Support
- 3D Motion Compensated Noise Reduction
- IR LED Illumination Support (100m)
- Servo Feedback - Zero Drifting
- Dual power support
- ONVIF Profile S/G/T/M support

- Deep Neural Network Accelerated Engine
  - Face/LPR Detection and Recognition
  - Object Classification and Recognition
  - People Detection and Tracking
- Smart Event function
  - External Input/Manual Trigger
  - Motion Detection/Periodical Event
  - Network Failure Detection/Audio Detection
- Weatherproof (IP66)
- Vandal proof (IK10 Rating)
- Nanothecnology Windows Protection*

* optional

Custom Specification (Default)

Image Sensor		
Image Sensor	Sony 4K 1/1.8" Progressive CMOS	
Effective Pixels	HxV = 3864x2180 (4K)	
Pixel Size	2.0 μm	
Frame Rate (Maximum)	H.265 HDR 4K @30fps + 2M @30fps	
	H.264 HDR 4K @30fps + 2M @30fps	
	MJPEG 2M @30fps	

Lens		
Minimum Illumination	Color	0.009 lux
	B/W	0.006 lux
Lens	Type	31x Zoom Lens, P-Iris, Auto-Iris, F1.35
	Focal Length	6.9-214.6 mm
	Horizontal FOV	61.8° (wide), 2.2° (tele)
	Vertical FOV	35.9° (wide), 1.3° (tele)

Camera Features	
Day and Night	Removable IR-cut filter
Shutter Time	1~1/10K sec.
HDR	Gen3 Engine
EIS	Yes
Digital Zoom	10x
LiDAR	Yes*
Wiper	Yes*
Image Settings	Exposure, White Balance, Brightness, Sharpness, Contrast, Saturation, Hue, IR Threshold, Noise Reduction, Backlight Compensation, Text Overlay, Privacy Mask
Image Rotation	90°, 180°, 270° rotation

* Optional

Common Specification

Pan/Tilt		
Pan/Tilt Range	Pan : 0~360° endless	Tilt : -90~90°
Manual Speed	Pan : 0.1~90°/s	Tilt : 0.1~55°/s
Preset Speed	Pan : 200°/s	Tilt : 200°/s
Preset	256	
PTZ Mode	8 Sequence, 8 cruise, 4 auto pan	

Video Codec	
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 individually configurable streams/ resolution/frame rate/bandwidth in H.265/H.264/MJPEG LBR/VBR/CBR in H.265/H.264

Audio Codec	
Compression	G.711/G.726/AAC/LPCM
Streaming	2 way
Audio Input	Line in
Audio Output	Line out

Network	
Interface	10/100/1000Mbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
ONVIF	Profile S/G/T/M conformant

Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video and audio recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email

Intelligent Video Analytics	
General Analytics	Motion Detection/Tampering/Audio Detection
DNN Analytics	Face Detection/Tracking/Recognition LPR Detection/Recognition People Detection and Tracking Human/Vehicle Classification Object Classification/Recognition

General		
Casing	Metal	
Power	IEEE802.3bt, class 8, max TBD watt AC, max TBD watt, max TBD VA	
Connectors	RJ45	
	AC, Terminal Block	
	Alarm in x4, Alarm out x2, Terminal Block	
	Audio in, Terminal Block	
	Audio out, Terminal Block	
	RS485 Terminal Block*	
	CVBS Terminal Block	
IR LED Illumination Distance	100m	
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS	
Operating Conditions	-40°C~50°C with heater 10%~90%, No Condensation Wind Load: 250 Km/h Static Hold Position	
Storage Conditions	-20°C~70°C	
Approvals	EMC	CE/FCC
	Safety	RoHS
	Environment	IP66/IK10
Dimensions	412.6 x 207.5 x 403.2 mm	
Weight	15,8 Kg	

* optional