

## Network Pan/Tilt/Zoom Dome Camera

# L1080NVD-IR-PTZ



2MP FHD SONY STARVIS | Mini PTZ | ONVIF | PoE | 5x Zoom Auto-focus Lens

### Key Features

- 2.1M Sony IMX307 2nd Gen STARVIS Image Sensor
- Supports Dual H.264/265 streams @ 2MP 25/30fps
- Remotely User Operated Pan/Tilt/Zoom Controls
- 5x Optical Zoom and 12x Electronic Zoom
- Full and Semi Auto focus, zoom/focus control
- 3DNR (Noise reduction)
- Multi-zone Motion Detection
- True Day&Night (ICR)
- Supports ONVIF / PoE
- Web Browser, IOS and Android App Remote Access
- Ultra Compact Design - only 120mm x 114mm
- IP67 Level Protection against Dust and Water
- Internal IR LED Illumination

### Dimension



### Tech Note

#### SONY STARVIS Image Sensor

Highly sensitive SONY STARVIS IMX415 CMOS Sensor, with class leading 4K (8MP) low light performance in colour.

#### Higher performance SoC

High performance ISP functions such as BLC, WDR, and etc.  
Revolutionary response speed and stabilized performance.

#### Ultra Compact Pan/Tilt/Zoom Design

Micro Motorised Pan/Tilt Zoom module with Preset-Positioning Feature, for Automated Tour and Alarm action, along with Manual User Operation.

#### 3D-DNR 3D-Digital Noise Reduction

Advanced 3D-DNR technology detects and eliminates unnecessary noise by conducting comprehensive analysis of image pixels.

#### WDR Wide Dynamic Range

Realize one clear image by combining overexposed and underexposed identical images in backlight condition.

#### AUTO Focus Zoom Lens

Manual-Focus, Semi Auto-Focus, One Touch Auto-Focus, Full Auto-Focus. Motorised 5x Zoom.

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CAMERA		
Sensor Type	1/2.8", 2.1Megapixel Sony (IMX307)	
Sensor Pixels	1937(H) x 1097(V) = 2.12Mp active pixels	
Scanning System	Progressive Scan	
Min. Illumination	Colour	0.01Lux @F1.2
	B/W	0.005Lux @F1.2
Lens	Filter	True Day & Night (ICR)
	Type	2-Motor / DC Auto Iris / 5x Zoom (2.7~13.5mm) / F1.2 / IR Corrective Mega Pixel
Camera Functions	Day & Night	AUTO / COLOR / BW / EXTERN
	WDR	ON / OFF
	BLC	ON / OFF
	HCL	ON / OFF
	AGC	0~10
	ACE	TBD
	DNR	3D ON/OFF
	Output Mode	STANDARD / BRIGHT / VIVID / GENTLE / CUSTOM
	Mirror	Horizontal / Vertical / Vertical & Horizontal
	White Balance	AUTO / Outdoor / Indoor / Florescent Lamp / Manual
	Electric shutter	AUTO/ MANUAL (1/2~1/50000 / 21steps, with low threshold setting in Auto for Anti-Blur)
	Privacy	ON / OFF (Multi-zone)
	Motion Detection	ON / OFF (Multi-zone)
Pan/Tilt	Motorised (90deg Tilt, 355deg Pan), 30 Point Preset-Positions	
IR LED	2PCS (IR Distance 30m)	
VIDEO		
Compression Type	H265 / H.264	
Resolution	1st : 1920x1080, 1280x960, 1280x720, 704x576, 640x480 2nd : 704x576, 640x480, 640x360, 352x288	
Bitrate	256Kbps ~ 8Mbps	
Frame Rate	50Hz: 25fps@ 2MP(1920x1080) 60Hz: 30fps@ 2MP(1920x1080)	
OSD	Configurable : Size / Colour /Location	
NETWORK & SOFTWARE		
Network & Software	Interface	1 Fast Ethernet RJ-45 port (10/100Mbps)
	Network Type	Fixed IP, DHCP
	DDNS	Supported
	Port	HTTP : 80 / HTTPS : 443 / RTSP : 554 / Service : 6000 / FLASH : 1935
	Protocol	HTTP, HTTPS, RTSP/RTP, ONVIF, TCP/IP, UDP, FTP, PPPoE, NTP, ARP, ICMP, DHCP, UPnP, SNMP v1/v2/v3
	ONVIF	Support (v2.6)
	Simultaneous Users	Max. 4 users
	DST	TBD
	NTP	Support
	IP Address Filtering	TBD
	Web Browser	IE, Chrome, Safari, Firefox, Edge, Mac OS
	P2P	Supported for iOS, Android App
	Web Configuration	IE, Chrome, Safari, Firefox, Edge, Mac OS
	NVR	NVRs supporting ONVIF, HIKVISION, RAYSHARP, Dahua
	PC CMS Software	Control Center (via Webgate DVR/NVR)
Relay Server	WinRDS	
ENVIRONMENTAL & PHYSICAL		
Power Source	DC 12V ± 10%, IEEE802.3af PoE(48V)	
Power Consumption	4W (MAX)	
Operating Temperature	-10°C ~ 55°C	
Humidity	0% RH ~ 90% RH	
Dimensions	120 (Dia), 114 (H)	