

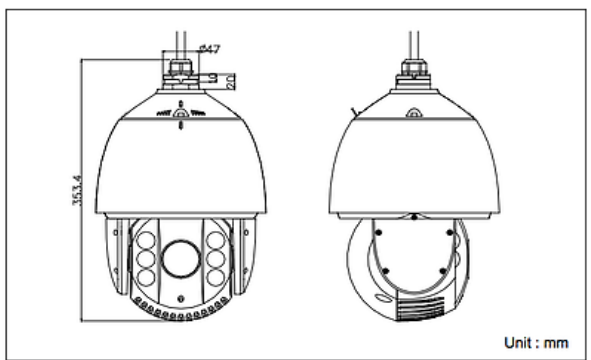


Dome Ultra HD IR Starlight PTZ Series

IP66 2K H265 SD IR 20X/36X PoE

- 2K Ultra High Definition
- 30x or 36x Optical Zoom
- Color Night Vision
- 150mt/500 Feet Illuminators
- H.265 Compression
- Internal SD Card Storage
- ONVIF Compliant
- Dual Streams

Camera	1.1/1.7" Progressive Scan Sony CMOS
Image Sensor	0 lux w IR ON
Minimum Illumination	1 ~ 1/10,000 seg
Shutter Speed	Auto, semi auto, manual
Focus	20x 4.7mm~94 mm or
Lens Focal Length	36x 4.6mm ~ 167mm or
	20x 4.7mm ~ 94mm or
	36x 4.6mm ~ 167mm
Angle of view	100 Wide ~ 3.07 Tele
Aperture Range	F1.6~F5.0
IR Range	Up to 150 mts, automatically adjusted with zoom
Digital Noise reduction	3D DNR & Smart Dynamic Noise Reduction sDNR
Wide Dynamic Range	Digital WDR, on/off
White Balance	Auto, manual, ATW, interior, exterior, daylight, lamp
Pan / Tilt / Rotation / Preset	Pan 360, tilt -15 to 90 (auto flip), speed 200 / sec / 256 pres
Zoom	20x Optical; 18x Digital or
	36x Optical; 18x Digital or
	20x Optical; 18x Digital or
	36x Optical; 20x Digital
Compression Standards	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Type	Main Profile
Video Bit rate	32 Kbps to 16 Mbps
Number of Streams	2 (Unicast or multicast)
Audio	G.711 / G.722 / G.726 / MP2L2 / 64kbps, G.711, 16kbps
Image	
Maximum Resolution	Starlight 1080P HD 1920 x 1080 or
	1080P HD 1920 x 1080 or
	Ultra 2K 2592x1944 or
	Ultra 2K 2592x1944
Stream Frame Rate	1080P HD 1920x1080 @ 30 fps or
	1080P HD 1920x1080 @ 30 fps or
	Ultra 2K 2592x1944 @ 15fps; 2304x1296 @ 30fps or
	Ultra 2K 2592x1944 @ 30fps
Image Settings	Rotate, saturation, brightness, sharpness, contrast
Backlight Compensation	Yes, Zone configurable
Zones of interest	Yes up to 128 configurable areas
Privacy Masks	Yes up to 10 configurables
Analytics	
Smart Features	Motion, 3D Scan, Auto Tracking
Network	
Network Storage	NAS (Supports NFS, SMB / CIFS); ANR
Alarm Triggers	Motion, line crossing, network disconnect, IP conflict
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP
	RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP 802.1X, QoS 1
	Pv6, IPv4
Security	Three level user authentication, password authorization,
	HTTPS and SSH Certificate, IEEE802.1X, basic and digest
	authentication, watermark, IP address filtering, log-in
	ONVIF (profile S, G), PSIA, CGI, ISAPI
Standards	
Interface	
Communication	1 RJ45 10M / 100M Auto Ethernet port
On-Board Storage	Built in micro SD / SDHC / SDXC slot up to 64GB (opt)
Alarm	1 alarm I/O
Audio	1 audio I/O dry contact
General	
Operating Conditions	-35C TO 60C, humidity 90% or less, non-condensating,
Power	24 VAC +/- 10%, Hi-PoE (802.3af), UL/cUL Listed
Power Consumption	Maximum 38 watt w Laser ON / 30 watt Laser OFF
Protection	TVS 4,000V Lighting Protection, Surge Protection
Ingress Protection	IP 66, heater and cooling vent controlled by thermostat,
Impact Protection	IEC60068-2.75Eh, 20J; EN 50102; IK10
Regulations	IEC / EN 61000, IEC / EN 55022, IEC / EN 55024, IEC /
	EN60950-1, FCC Part 15, Class, UL cUL 60950-1, RoHS



Lens/Zoom Ordering Part Numbers
 Mod 9-20-2SL = 1080P HD Resolution; 20x Zoom; Starlight
 Mod 11-36-2 = 1080P HD Resolution; 36x Zoom
 Mod 12-20-4 = 2K resolution; 20x Zoom
 Mod 13-20-5SL = 2K Resolution; 20x Zoom; Starlight
 Mod 14-36-5 = 2K Resolution; 36x Zoom

