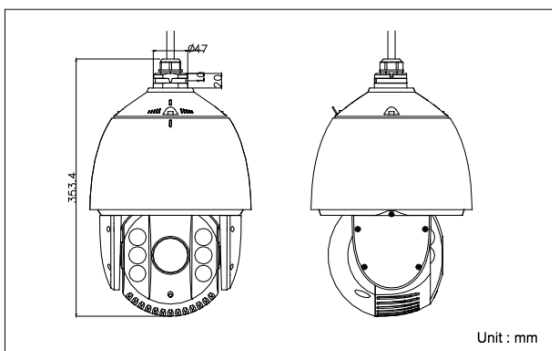




# Dome Ultra HD IR PTZ Series

IK10 IP66 Smart 2K Low Temp SD 30x IR

- Ultra High Definition
- 30x Optical/ 16x Digital Zoom
- 100 Mts IR distance
- 3D Intelligent positioning
- Environmental IP66
- Smart Analytics
- Internal SD Card Storage
- ONVIF Compliant



<b>Camera</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Minimum Illumination	0 lux w IR ON
Shutter Speed	1 ~ 1/10,000 seg
Focus	Auto, semi auto, manual
Lens Focal Length	4.3 ~ 129mm
Angle of view	55.3 ~ 2.34 Degree (Wide Tele)
Aperture Range	F1.6~F5.0
Infrared Range	Up to 100 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/Presets	Pan 360, tilt -15 to 90 (auto flip), speed 200/sec / 256 presets
Zoom	30x Optical; 16x Digital
Infrared Range	100 Meters / 328 Feet
<b>Compression Standards</b>	
Video Compression	H.264+/H.264/MJPEG
H.264 Type	Main Profile
Video Bit rate	32 Kbps to 16 Mbps
Number of Streams	4 (Unicast or multicast)
Audio	G.711 (u/alaw)/G.722/G.726/MP2L2/64kbps(G.711)/16kbps
<b>Image</b>	
Maximum Resolution	Full HD 1080P Real Time 1920x1200 (2,300k Effective)
Stream Frame Rate	30 fps/ 25fps (1920x 1200), (1280x 960), (1280x720)
Image Settings	Rotate, saturation, brightness, sharpness, contrast
Backlight Compensation	Yes, Zone configurable
Zones of interest	Yes up to 12 configurable areas
Privacy Masks	Yes up to 10 configurables
<b>Analytics</b>	
Smart Features	Line crossing/ intrusion detection, motion, dynamic analysis
<b>Network</b>	
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 IPv6 IPv4
Security	Three level user authentication, password authorization, HTTPS and SSH Certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout ONVIF (profile S, G) PSIA, CGI, ISAPI
<b>Standards</b>	
<b>Interface</b>	
Communication	1 RJ45 10M/100M Auto Ethernet port
On-Board Storage	Built in micro SD/SDHC/ SDXC slot up to 64GB
Alarm	1 alarm I/O
Audio	1 audio I/O dry contact
<b>General</b>	
Operating Conditions	-30C TO 65C, humidity 90% or less (non-condensating)
Power	24 VAC +/- 10%, Hi-PoE (802.3af) UL/cUL Listed
Power Consumption	Maximum 30 watt w IR ON / 21 Watt IR OFF
Protection	TVS 4,000V Lighting Protection, Surge Protection
Ingress Protection	IP 66 (Heater and cooling vent controlled by thermostat)
Impact Protection	IEC60068-275Eh,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



The IP-based Security Standard



Ceiling Mount



Pendant Cap



Pendant Mount



Corner Mount Adapt