



# Ultra 4K Fisheye HD Series

IK10 IP66 Smart 4K IR SD H.264 PoE

- 4K Ultra High Definition
- Vandal Resistant IK10
- Environmental IP66
- Smart Analytics
- Long Range IR illuminators
- Internal SD Card Storage
- ONVIF Compliant
- Quad Video Streams

#### Camera

Image Sensor 1/1.8" Progressive Scan CMOS  
 Minimum Illumination Color: 0.014 lux @ (f/1.2, AGC ON); 0 lux w IR ON  
 Shutter Speed 1/25seg to 1/100,000 seg  
 Slow Shutter Yes

Lens 1.27mm @F2.8, 360 degree roof mount  
 186 Degree Wall Mount  
 Angle of view 106 (2.8mm); 83 (4mm); 56 (6mm)  
 Day/Night IR Cut filter with Auto switch/schedule/trig by alarm  
 Digital Noise reduction 3D DNR & Smart Dynamic Noise Reduction sDNR\*  
 Wide Dynamic Range 120 dB, Digital WDR  
 Infrared Range 100 Feet / 30 Meters

#### Compression Standards

Video Compression H.264+/H.264/MJPEG  
 H.264 Type Main Profile  
 Video Bit rate 32 Kbps to 16 Mbps  
 Number of Streams 4 (multicast, unicast)  
 Audio G.711/G.722/G.726 (16kbps)/MP2L2 (64kbps)/(64kbps)G.711

#### Image

Maximum Resolution Full 4K real time 4000X3000 DPI (12M)  
 Frame Rate 12M15fps(4000x3000), 8M30fps(2880x2880),  
 6M30fps(2880x2160), 3M(2048x1536)  
 Modes Original, Panoramic, Double Panoramic, 1+3, EPTZ, 4 Pic, Fisheye  
 Image Settings Rotate, saturation, brightness, sharpness, contrast  
 Backlight Compensation Yes, Zone configurable  
 Zones of interest Yes up to 12 configurable areas

#### Analytics

Smart Features Line crossing/ intrusion detection

#### Network

Network Storage NAS (Supports NFS, SMB/CIFS); ANR  
 Alarm Triggers Motion, line crossing, tamper, network disconnect, IP conflict, except  
 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

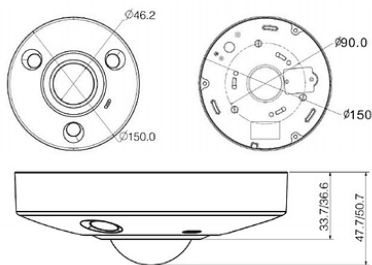
#### Standards

#### Interface

Communication 1 RJ45 10M/100M Ethernet port  
 On-Board Storage Built in micro SD/SDHC/ SDXC slot up to 128GB  
 Alarm 1 alarm I/O  
 Audio 1 audio I/O

#### General

Operating Conditions -30C TO 60C, humidity 95% or less (non-condensating)  
 Power 12Vdc +/- 10%, PoE (802.3af) UL/cUL Listed  
 Power Consumption Maximum 5.5 watt  
 IR Range 20 meters / 65 feet  
 Ingress Protection IP 66  
 Impact Protection IEC60068-275Eh,20; EN 50102; IK10  
 Regulations UL, cUL, RoHS, FCC Part 15, IEC/EN 61000, IEC/EN 55022



Ceiling Mount



Pendant Cap



Pendant Mount



Corner Mount Adapt