



# Dome Ultra 4K 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 1/3" Progressive Scan CMOS  
 Color: 0.014 lux @ (f/1.4, AGC ON); B/W 0 lux w IR ON  
 Shutter Speed 1/3seg to 1/10,000 seg  
 Slow Shutter Yes  
 Lens 2.8, 4 or 6mm  
 Angle of view 106 (2.8mm); 83 (4mm); 56 (6mm)  
 Lens mount  $\Phi$  14 with E-PTZ Functionality  
 Day/Night IR Cut filter with Auto switch/schedule/trig by alarm  
 Digital Noise reduction 3D DNR & Smart Dynamic Noise Reduction sDMR\*  
 Wide Dynamic Range 120 dB  
 Infrared Range 100 Feet / 30 Meters

#### Compression Standards

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

#### Image

Maximum Resolution Full 4K real time 2688 x 1520  
 Frame Rate 30 fps (2688x1520), (1920x1080), (1280x720)  
 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, 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 Bonjour

#### 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

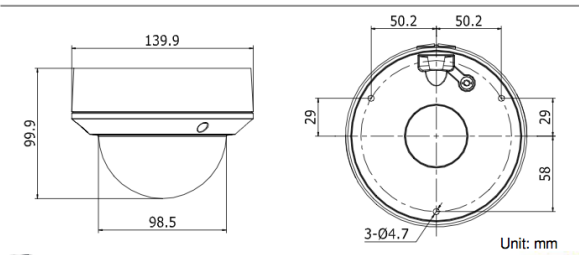
#### Standards

#### Interface

Communication 1 RJ45 10M/100M Ethernet port  
 On-Board Storage Built in micro SD/SDHC/ SDXC slot up to 64GB  
 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 30 meters / 100 feet  
 Ingress Protection IP 66  
 Impact Protection IEC60068-275Eh,20J; EN 50102; IK10



• Comparable with Bosch iDNR.  
 • Compatible with Bosch Systems ONVIF S  
 • Bosch and iDNR are registered trademarks of Bosch

**ONVIF**® | The IP-based Security Standard

**4K**  
**ULTRA HD**



Ceiling Mount



Pendant Cap



Pendant Mount



Corner Mount Adapt