

EXPLOSION PROOF PTZ CAMERA (SINGLE TYPE)

YK-EP2014S-EX***



Features

- Ex-proof Level
 - Ex d IIC T6, Ex td A21 T85 °C(KCs)
 - II2G Ex db IIC T6 Gb (ATEX)
 - II2 D Ex tb IIIC T85 °C Db (ATEX)
- Enclosure Material : Stainless steel 316L
- Communication Type : Network Type (IP CAMERA)
Analog Type (RS485/RS422)
- Pan Rotation Range : 360° endless
- Tilt Rotation Range : -90°~90°
- Pan/Tilt Speed
 - Pan 0.05° ~ 30%/s; Tilt 0.05° ~ 30%/s
 - Pan 0.05° ~ 60%/s; Tilt 0.05° ~ 60%/s

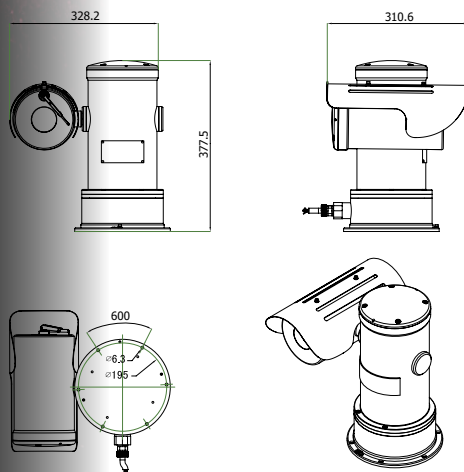
Technical Specifications

Model	YK-EP2014S-EX***
Explosion Proof	
Ex-proof Level	KCs : Ex d IIC T6, Ex td A21 T85 °C II2G Ex db IIC T6 Gb, II2 D Ex tb IIIC T80 °C Db
Protection Level	KCs : IP67, ATEX : IP68(2m 1h)
Enclosure Material	Stainless steel 316L
Window Material	Borosilicate, bothside nano coating
Surface Polishment	Electro-polished
PAN/TILT	
Rotation Speed	Pan : 0.05° ~ 30%/s; Tilt : 0.05° ~ 30%/s, Pan : 0.05° ~ 60%/s; Tilt : 0.05° ~ 60%/s (Option)
Pan Rotation Range	0° ~ 360° continuous
Tilt Rotation Range	-90° ~ 90°
Cruising Track	8 (Each with 80 presets positions)
Pattern Tour	1 (Record 200 commands)
Guard Location	Call preset, cruising track, auto scan or pattern tour if there is no command in a period of time
Keep Watch	Call preset, auto scan, cruising track or pattern tour by preset schedule
Auto Scan	5, based on ODM menu
Preset	80
Wiper Control	Support
General	
Power Supply	AC 24V ±25%
Power Consumption	96W
Working Environment	Temperature: -20°C ~ 60°C
	Humidity: ≤90% RH (No condensing, no heating)
Dimensions	310(W)x328(L)x377.5(H) mm
Weight	28kgs

Camera Option

- **YK-2014S-EX300**
24x, 26x, 36x Optical Zoom Analog Camera module
20x, 28x, 30x, 32x, 36x, 40x Optical Zoom IP Camera module
- **YK-2014S-EX400**
18x, 22x, 36x, 37x Optical Zoom Analog Camera module
- **YK-2014S-EX500**
28x, 36x, Optical Zoom Analog Camera module

Dimension



CAMERA SPECIFICATION

CAMERA	IP camera (20x Optical zoom)
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	Approx. 2 million
Signal System	PAL/NTSC
Lens Value	20x Zoom, f=4.7 mm (wide) ~ 94.0 mm (tele), F1.6 to F3.5
Horizontal Viewing Angle	55.4°(Wide End) ~ 2.9°(Tele End)
Minimum Object Distance	10mm (wide) ~ 1,000 mm (tele)
S/N Ratio	More than 50 dB
Min. Illumination	Color : 0.5lux, B/W : 0.095lux (ICR On)
Day/Night	Color/Black&White/Auto
Wide Dynamic Range	On/Off/Auto
Exposure mode	Auto Exposure / Aperture Priority / Shutter Priority / Manual Exposure
White Balance	Auto, ATW, Indoor, Outdoor Auto, One-push, Manual
Ethernet	RJ-45(10/100Base-T)
Protocol	TCP/IP, HTTP, UDP, RTP, RTCP, RTSP, DHCP, PPPoE, UPnP, SMTP, FTP, SIP, DDNS, DNS
Resolution	50Hz: 25fps(1920X1080) 60Hz: 30fps(1920X1080)
Video Compression	H.264/MJPEG
Working Environment	Temperature: -20°C ~ 60°C
Power Supply	6.0V ~ 12.0V DC
Power Consumption	3.2W~3.8W



YK-EP2014-EX***



YK-EP2014-EXT



YK-EP2014S-EX***



YTU-7001EX



YK-PTSHZ-410

CAMERA	IP camera (32x Optical zoom)
Image Sensor	1/1.8" SONY CMOS
Effective Pixels	Approx. 2 million
Signal System	PAL/NTSC
Lens Value	32x Zoom, f=6.21 mm (wide) ~ 198.7 mm (tele), F1.5 to F4.3
Horizontal Viewing Angle	61.2°(Wide End) ~ 2.32°(Tele End)
Minimum Object Distance	10mm (wide) ~ 1,500 mm (tele)
S/N Ratio	More than 52 dB
Min. Illumination	Color : 0.001Lux @(F1.2, AGC ON), B/W : 0.001Lux @(F1.2, AGC ON)
Day/Night	Color/Black&White/Auto
Wide Dynamic Range	Super wide dynamic / digital wide dynamic, 0 ~ 100 digital adjustment
Exposure mode	Auto Exposure / Aperture Priority / Shutter Priority / Manual Exposure / Lowlight Priority / Highlight Priority
White Balance	Auto, ATW, Indoor, Outdoor Auto, One-push, Manual
Ethernet	RJ-45(10/100Base-T)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, FTP
Resolution	50Hz: 25fps(1920X1080) 60Hz: 30fps(1920X1080)
Video Compression	H.265/H.264
Working Environment	Temperature: -20°C ~ 60°C
Power Supply	DC 12V±10%
Power Consumption	2.5W~4.5W

CAMERA	IP camera (36x Optical zoom)
Image Sensor	1/1.9" CMOS
Effective Pixels	2144(H) x 1588(V) / 2096 (H) x 1561 (V)
Signal System	PAL/NTSC
Lens Value	36x Zoom, f=5.8 mm (wide) ~ 210 mm (tele), F1.5 to F4.8
Horizontal Viewing Angle	1080P : 57.5°(Wide)~2.1°(Tele) 720P : 40.6°(Wide)~1.43°(Tele)
Minimum Object Distance	10mm (wide) ~ 1,200 mm (tele)
S/N Ratio	More than 50 dB
Min. Illumination	0.0002Lux
Day/Night	Auto (ICR) / Color / B/W
Wide Dynamic Range	On / Off / Auto
Exposure mode	Auto / Manual / Shutter Priority / Iris Priority / Bright
White Balance	Auto / ATW / Indoor / Outdoor / Outdoor Automatic / Manual
Ethernet	RJ-45(10/100Base-T)
Protocol	TCP/IP, UDP, DHCP, SMTP, HTTP, HTTPS, SNMP, RTP, RTSP, UPnP, DDNS
Resolution	1920x1080P(Full HD), SXGA (1280 x 1024), HD (16 : 9, 1280 x 720p), D1 (720 x 480), VGA (640 x 480), QVGA (320 x 240)
Video Compression	H.264/MJPEG
Working Environment	Temperature: -50°C ~ 60°C
Power Supply	DC 12V±10%