

POSITIONING PTZ CAMERA SYSTEM

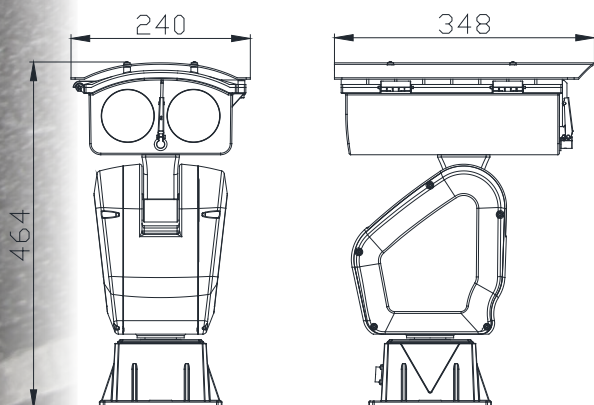
YK-PTSHZ-410



Features

- High precision worm-gear transmission and stepper motor driving, self-lock after power failure, strong wind resistance, high stability.
- Support a variety of lenses, zoom self-adaption, auto adjust rotation speed according to zoom ratio.
- High accurate repeat positioning $\pm 0.1^\circ$
- Maximum load 10kg.
- Support 3D positioning.
- All weather design, IP66.

Dimension



Technical Specifications

Model	YK-PTSHZ-410
Camera	
Camera	Analog (SD / AHD / HD-SDI), Digital (IP Network)
Housing	
Window	Single window design, IR high efficient anti-reflection optical glass, transmission $\geq 98\%$
Wiper	Support (optional W)
Auto Temperature control	Build-in auto temperature controller Heater on : $8^\circ \pm 5^\circ$, off : $20^\circ \pm 5^\circ$ (fan on at the same time) Fan on : $37^\circ \pm 5^\circ$, off : $20^\circ \pm 5^\circ$
Pan / Tilt	
Max. Load	10kg
Tilt Angle	$+40^\circ \sim -90^\circ$
Pan Angle	360° continuous rotation
Rotation Speed	Pan $0.01^\circ \sim 100^\circ/s$; Tilt $0.01^\circ \sim 40^\circ/s$
Preset	255
Cruise	8 lines, 32 preset position for line
Scan Model	Cruise scan/auto scan/panoramic scan/vertical scan
Zero Correction	support
3D Function	Click to zoom and tracking
Angle Display	Support angle return by query command
Angle Follow-up Tracking	AIS or Radar angle single tracking control
Laser	
Effective Distance	500m
Wavelength	808nm, military near infrared laser
Laser Angle	$1.5^\circ \sim 60^\circ$
Angle control	sync zoom accompany camera, support sync zoom and manual zoom.
General	
Working Environment	Temperature: $-40^\circ\text{C} \sim 65^\circ\text{C}$ Humidity: $\leq 90\%\text{RH}$
Power Supply	AC $24\text{V} \pm 25\%$, 50/60Hz; DC $24\text{V} \pm 10\%$, 60W; DC $48\text{V} \pm 10\%$, Working power $\leq 70\text{W}$
Dimensions	365(L) $\times$ 216(W) $\times$ 454(H) mm
Weight	$\leq 12\text{kg}$

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	DC12V±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	DC12V±10%