EXPLOSION-PROOF THERMAL & VISUAL CAMERA
YK-EP2014-EXT

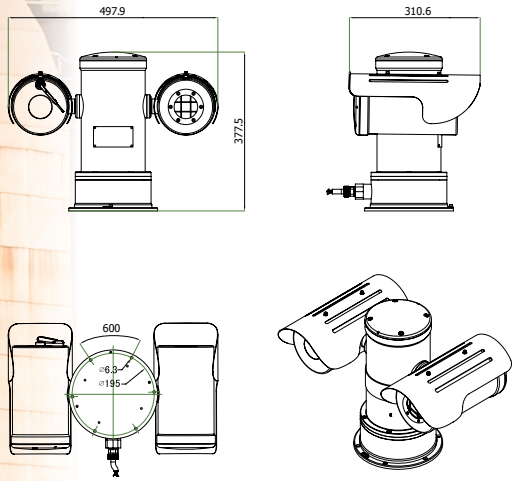


Explosion-proof thermal & visual camera is network explosion-proof dual type camera that equipped day&night + thermal camera.

Features

•Ex-proof Level : Ex d IIC T6/Ex td A21 IP67 T 85°C (KCS)
•1/2.8" CMOS Analog/Megapixel Type
•Material : Stainless Steel 316
•Communication : Network (IP CAMERA), ANALOG(RS485/RS422)
•PAN/TILT : 360° endless pan rotation
Pan: 0.05° ~ 30°/s, Tilt: 0.05°~ 30°/s
•IP67

Dimension



Technical Specifications

Model	YK-EP2014-EXT
Explosion Proof	
Ex-proof Level	Ex d IIC T6, Ex td A21 IP67 T85 °C(KCS)
Ex-proof Model	YK-EP2014-EXT
Housing Material	Stainless steel 316L
Window Material	Toughened glass with double-side Nano coating
Surface Polishment	Electro-polished
Camera	
Image Sensor	1/2.8" Exmor CMOS
Lens	20x, F=4.7mm~94.0mm, F1.6 to F3.5
Angle of View	55.4°(Wide End) ~ 2.9°(Tele End)
Min. Illumination	Color : 0.5lux, B/W : 0.095lux (ICR On)
Day/Night	Color/Off/Auto
WDR	On/Off/Auto
Image processing	IP
Video Compression	H264/MJPEG
Video Frame	1080P/720P(1~25/30FPS)
AGC	On/Off
White Balance	Auto
THERMAL CAMERA	
FPA (Focal Plane Array)	640 x 480
Spectral Range	8~14μm
Temperature Range	-20°C ~ 120°C up to 650°C
Lens	8,12,20,30,35,50,75,100,150,200,250mm
Video Output	IP & ANALOG
Video Frame	640x480/320x240(1~25/30fps)
PAN/TILT	
Rotation Speed	Pan 0.05° ~ 30°/s; Tilt 0.05° ~ 30°/s
Preset accuracy	±0.1°
Pan/Tilt Rotation Range	Pan : 0° ~ 360° continuous Tilt : -90° ~ 90°
Preset	80
Wiper Control	Support
Network	
Ethernet	RJ-45(10/100Base-T)
Protocol	TCP/IP,HTTP,UDP,RTP/RTCP,RTSP,DHC, PPPoE,UPNP, SMTP, FTP, SIP, DDNS, DNS
Remote Control	Remote S/W update, Remote Reset
General	
Working Environment	Temperature: -40°C ~ 60°C
Power Supply	AC 24V ±25%
Power Consumption	Max.95W
Dimensions	498(L)x310(W)x377.5(H) mm
Weight	35kgs