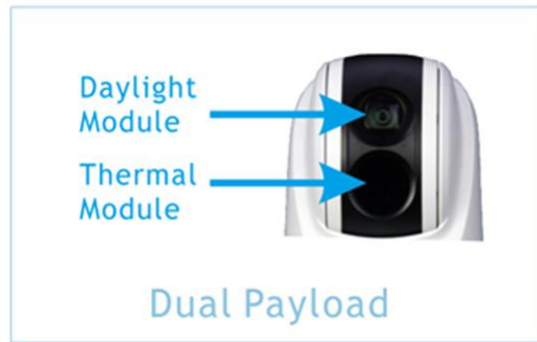
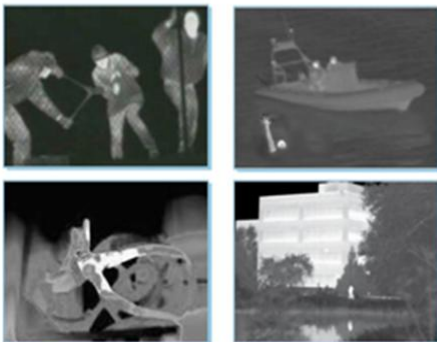


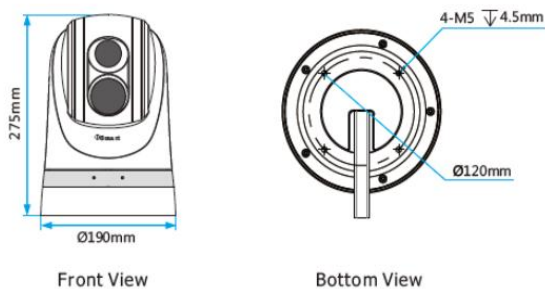


## Features

- ※ Uncooled Amorphous Silicon FPA, resolution: 384x288/640x480
- ※ 1/2.8" CMOS color visual camera, 2.14MP, 20X optical zoom
- ※ Dual HD-SDI outputs for color visual camera and thermal imaging camera
- ※ Dual H.264 output for color visual camera and thermal imaging camera
- ※ Optical digital Gyro for image stabilization
- ※ Wide Dynamic Range(WDR)
- ※ Day/Night(ICR)
- ※ Soft PTZ address, self-adaption of protocol and baud rate
- ※ 10.8 - 28V wide range voltage input
- ※ Waterproof index: IP67
- ※ Auto power-off with low power supply



## Dimensional Drawing



## Technical Specification

Model No.	PATC-FZ319S2008(G)	PATC-FZ340S2008(G)	PATC-FZ619S2008(G)	PATC-FZ640S2008(G)
<b>Thermal Imaging Camera</b>				
Sensor Type	Uncooled Amorphous Silicon FPA			
Working Band	8μm~14μm			
Resolution	384 x 288		640 x 480	
Sensor Size	17μm			
NETK(300K)	≤60mk			
FOV	19mm:19.5° x 14.7°	40mm:9.3° x 7°	19mm:32.0° x 24.2°	40mm:15.5° x 11.6°
Detecting Range	Vehicle:2570m Man:550m	Vehicle:5400m Man:1170m	Vehicle:2570m Man:550m	Vehicle:5400m Man:1170m
Recognition Range	Vehicle:640m Man:130m	Vehicle:1350m Man:290m	Vehicle:640m Man:130m	Vehicle:1350m Man:290m
Image Enhancement	Support			
Video Display	Black Hot / White Hot			
Digital Zoom	1X,2X,4X			
<b>Daylight Imaging Camera</b>				
Video Sensor	1/2.8" CMOS, 2.13MP			
Signal System(NET)	1080P/30,1080P/25,720P/60,720P/50,720P/30,720P/25			
Signal System(SDI)	1080P30,1080I60,720P60,720P30,1080P25,1080I50,720P50,720P25			
Zoom	Optical: 20X; Digital:12X			
Lens	f = 4.7mm - 94mm, F1.6.-F3.5			
View Angle	59.5°(wide) - 3.3°(tele)			
Min.Illumination	Color: 0.0013Lux; Mono:0.0008Lux			
S/N Ratio	Not less than 50dB			
WDR	On/Off			
BLC	On/Off			
DNR	1 - 5 Step/Off			
Day/Night	Auto/Manual			
Pan Range	360° Continuous			
Pan Speed	Control speed: 0.04° - 100°/s; Preset speed: 100°/s			
Tilt Range	-15° - 90°(Auto Flip)			
Tilt Speed	Control:0.04° - 90°/s, adjustable; Preset Speed: 90°/s			
Preset	256			
Preset Precision	±0.2°			
Digital Gyro	1 Axis(Optional)			
<b>Network</b>				
Image Resolution	1920*1080 @ 30fps			
Image Compression	H.264			
Audio Compression	AAC			
Protocols	HTTP, RSTP,TCP,UDP,ONVIF			
Simultaneous Live View	Up to 10			
Dual Stream	Yes			
Ethernet Interface	10 / 100M			
Audio Interface	1 LINE IN			
<b>General</b>				
Control Interface	RS-485			
Address	0 - 255			
Comm Protocol	PELCO-P/PELCO-D(Self-Adaptive)			
Baud Rate	2400bps, 4800bps,9600bps,19200bps(Self Adaptive)			
Voltage	DC 10.8 -28V			
Power Consumption	35W/50W(Heater On)			
Working Temperature	-35°C - +55°C			
IP Code	IP67			
Dimensions	Φ190(mm) x 275(mm)			
Weight	6.3±0.1Kg			
<b>*** Product specification are subject to change without notice ***</b>				