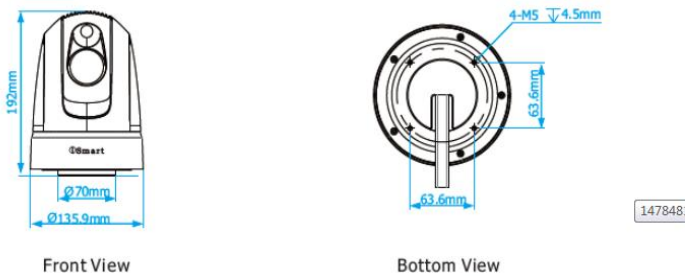


### Features

- ※ Uncooled Amorphous Silicon FPA, resolution: 384x288/640x480
- ※ 1/2.8" CMOS color visual camera, 2.14MP
- ※ 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-adaptation of protocol and baud rate
- ※ 10.8 - 28V wide range voltage input
- ※ Waterproof index: IP66
- ※ Auto power-off with low power supply

### Dimensional Drawing



### Technical Specification

Model No.	PATC-DZ313(G)	PATC-DZ319(G)	PATC-DZ613(G)	PATC-DZ619(G)
<b>Thermal Imaging Camera</b>				
Sensor Type	Uncooled Amorphous Silicon FPA			
Resolution	384 x 288		640 x 480	
Sensor Size	17µm			
Aperture	0.9			

Focus

Fixed

<b>Image Frame Rate</b>	50HZ(PAL) / 60HZ(NTSC)			
<b>NETK(300K)</b>	≤60mk			
<b>Angular Resolution</b>	1.3 Mrad			
<b>FOV</b>	13mm:28.2° x 21.3°	19mm:19.5° x 14.7°	13mm:45.4° x 34.8°	40mm:32.5° x 24.5°
<b>Detecting Range</b>	Vehicle:1758m Man:380m	Vehicle:2570m Man:550m	Vehicle:1758m Man:380m	Vehicle:2570m Man:550m
<b>Recognition Range</b>	Vehicle:439m Man: 95m	Vehicle:640m Man:130m	Vehicle:439m Man:95m	Vehicle:640m Man:130m
<b>Video Display</b>	Black Hot / White Hot			
<b>Digital Zoom</b>	1X,2X,4X			
<b>Daylight Imaging Camera</b>				
<b>Video Sensor</b>	1/2.8" Progressive Scan CMOS			
<b>Image Sensor</b>	2.14MP			
<b>Signal System(NET)</b>	1080P/30,1080P/25,720P/60,720P/50,720P/30,720P/25			
<b>Signal System(SDI)</b>	1080P30,1080I60,720P60,720P30,1080P25,1080I50,720P50,720P25			
<b>Lens</b>	Manual Fixed Focus			
<b>WDR</b>	On/Off			
<b>DNR</b>	1 - 5 Step/Off			
<b>Day/Night</b>	Auto/Manual			
<b>PTZ</b>				
<b>Pan Range</b>	360° Continuous			
<b>Pan Speed</b>	Control speed: 0.04° - 100°/s; Preset speed: 100°/s			
<b>Tilt Range</b>	-15° - 90°(Auto Flip)			
<b>Tilt Speed</b>	Control:0.2° - 60°/s, adjustable; Preset Speed: 60°/s			
<b>Preset</b>	256			
<b>Preset Predicion</b>	±0.2°			
<b>Digital Gyro</b>	1 Axis(Optional)			
<b>Network</b>				
<b>Image Resolution</b>	1920*1080 @ 30fps			
<b>Image Compression</b>	H.264			
<b>Audio Compression</b>	AAC			
<b>Protocols</b>	HTTP, RSTP,TCP,UDP,ONVIF			
<b>Simultaneous Live View</b>	Up to 10			
<b>Dual Stream</b>	Yes			
<b>Ethernet Interface</b>	10 / 100M			
<b>Audio Interface</b>	1 LINE IN			
<b>General</b>				
<b>Menu Language</b>	English			
<b>Control Interface</b>	RS-485			
<b>Adress</b>	0 - 255			
<b>Comm Protocol</b>	PELCO-P/PELCO-D(Self-Adaptive)			
<b>Baud Rate</b>	2400bps, 4800bps,9600bps,19200bps(Self Adaptive)			
<b>Voltage</b>	DC 10.8 -28V			
<b>Power</b>	Min:12W; Max: 25W			
<b>Working Temperature</b>	-30°C - +55°C			
<b>IP Code</b>	IP66			
<b>Dimensions</b>	Φ135.9(mm) x 192(mm)			

**Weight**

2.1kg

**※※※ Product specification are subject to change without notice ※※※**