



**DAY CAMERA**



**THERMAL**



# DELTA-180PT

## RECONNAISSANCE AND SURVEILLANCE SYSTEM



NEW GENERATION  
UNCOOLED LWIR BAND  
THERMAL IMAGER



HIGH QUALITY  
DAYTIME LOW  
LIGHT CAMERA



MULTI-BAND  
SIMULTANEOUS  
SURVEILLANCE



REAL-TIME  
SURVEILLANCE WITH  
ZERO DELAY

# DELTA-180PT

## RECONNAISSANCE AND SURVEILLANCE SYSTEM

### GENERAL FEATURES

- Supports Optical-Defog, HLC, BLC, WDR, Suitable for a wide range of applications.
- Network output, the Uncooled LWIR and visible camera have the same web interface and have analytics.
- Supports 24-hour continuous operation with a motor and drive life of over 1 million cycles.
- Worm gear construction with repeatable positioning accuracy of 0.12° and self-locking in case of power off.
- Supports ONVIF, Compatible with VMS and network devices from leading manufacturers.
- Corrosion resistance rating: ASTM B117 / ISO 9227 in accordance with classification society standards, IP66, TVS 6000V.



### TECHNICAL SPECIFICATIONS

<b>Sensor</b>	Day : 1/1.8" Sony CMOS	<b>Compression</b>	H.265/H.264/H.264H/MJPEG	
	Progressive - 8M pixels	<b>Storage</b>	TF Card	
	Thermal : Uncooled Vox -	<b>LRF</b>	6000 m	
	640x512 (1280x1024 upscale)	<b>IVS</b>	Motion, Tripwire, Intrusion, Loitering, etc.	
<b>Focal Length</b>	Day : 6 ~ 400 mm	<b>Speed</b>	Pan: 0.2°~30°/Sec; Tilt: 0.3°~13°/Sec	
	Thermal : 30 ~ 180 mm	<b>Range</b>	Pan: 360° continuous rotation, Tilt: -45° ~ +45°	
<b>Zoom</b>	Day : 65X	<b>Accuracy</b>	0.12° (with Encoder)	
	Thermal : 5X	<b>Ethernet</b>	1, RJ45 10 M/100 M Self-adaptive	
<b>FOV</b>	Day : 65°X40°~ 1.1°X0.6°	<b>Power</b>	48V DC, Avg: 35W, Max: ≤80W	
	Thermal : 14.7°X11.7° ~ 2.4°X2.0°	<b>Operating Temperature</b>	-40°C ~ +70°C (-40°F to 158°F), ≤95%RH (no condensation)	
<b>S/N Ratio</b>	≥55dB (AGC Off Weight ON)	<b>Dimensions</b>	380*393*575mm(L*W*H)	
<b>Functions</b>	EIS, WDR, HLC, Defog, Heat Haze, WB, 2D/3D-DNR, Auto focus, AE, SD Card, Illegal Access, Proportional Zoom, Self-Locking, Fan/Heater, Wiper	<b>Weight</b>	≤32KG	
<b>Min. Illum.</b>	Colour: 0.001Lux/F1.4	<b>Ranges</b>	<b>Human</b>	<b>Vehicle</b>
<b>Shutter</b>	1/1 ~ 1/30000 Sec		Detection : 8.900 m	Detection : 21.500 m
<b>Digital Zoom</b>	16X		Recognition : 3.000 m	Recognition : 7.200 m
<b>Network Protocols</b>	ONVIF, HTTP, RTSP, RTP, TCP, UDP		Identification : 1.500 m	Identification : 3.500 m