



**DAY CAMERA**



**THERMAL**



# DELTA-225PT 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-225PT

## 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.
- Supports ONVIF, Compatible with VMS and network devices from leading manufacturers.
- Corrosion resistance rating: ASTM B117 / ISO 9227 (2000 hours) in accordance with classification society standards, IP66, TVS 6000V.



### TECHNICAL SPECIFICATIONS

|                          |  |                              |   |              |                |                     |                      |                       |                       |                          |                          |
|--------------------------|--|------------------------------|---|--------------|----------------|---------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------------|
| <b>Sensor</b>            | Day : 1/1.8" Sony CMOS<br>Progressive - 8M pixels<br>Thermal : Uncooled Vox -<br>640x512 (1280x1024 upscale)                                 | <b>Compression</b>           | H.265/H.264/H.264H/MJPEG  |              |                |                     |                      |                       |                       |                          |                          |
| <b>Focal Length</b>      | Day : 6 ~ 400 mm<br>Thermal : 30 ~ 225 mm  | <b>Storage</b>               | TF Card   |              |                |                     |                      |                       |                       |                          |                          |
| <b>Zoom</b>              | Day : 65X<br>Thermal : 5X  | <b>LRF</b>                   | 6000 m  |              |                |                     |                      |                       |                       |                          |                          |
| <b>FOV</b>               | Day : 65°X40°~ 1.1°X0.6°<br>Thermal : 14.7°X11.7° ~ 1.9°X1.5°  | <b>IVS</b>                   | Motion, Tripwire, Intrusion, Loitering, etc.  |              |                |                     |                      |                       |                       |                          |                          |
| <b>S/N Ratio</b>         | ≥55dB (AGC Off Weight ON)  | <b>Speed</b>                 | Pan: 0.2°~30°/Sec; Tilt: 0.3°~13°/Sec   |              |                |                     |                      |                       |                       |                          |                          |
| <b>Functions</b>         | EIS, WDR, HLC, Defog, Heat Haze, WB, 2D / 3D NR, Auto focus, AE, SD Card, Illegal Access, Proportional Zoom, Self-Locking, Fan/Heater, Wiper | <b>Range</b>                 | Pan: 360° continuous rotation, Tilt: -45° ~ +45°  |              |                |                     |                      |                       |                       |                          |                          |
| <b>Min. Illum.</b>       | Colour: 0.001Lux/F1.4  | <b>Accuracy</b>              | 0.12° (with Encoder)  |              |                |                     |                      |                       |                       |                          |                          |
| <b>Shutter</b>           | 1/1 ~ 1/30000 Sec  | <b>Ethernet</b>              | 1, RJ45 10 M/100 M Self-adaptive  |              |                |                     |                      |                       |                       |                          |                          |
| <b>Digital Zoom</b>      | 16X  | <b>Power</b>                 | 48V DC, Avg: 35W, Max: ≤80W   |              |                |                     |                      |                       |                       |                          |                          |
| <b>Network Protocols</b> | ONVIF, HTTP, RTSP, RTP, TCP, UDP   | <b>Operating Temperature</b> | -40°C ~ +70°C (-40°F to 158°F), ≤95%RH (no condensation)  |              |                |                     |                      |                       |                       |                          |                          |
|                          |  | <b>Dimensions</b>            | 380*393*575mm(L*W*H)  |              |                |                     |                      |                       |                       |                          |                          |
|                          |  | <b>Weight</b>                | ≤32KG   |              |                |                     |                      |                       |                       |                          |                          |
|                          |  | <b>Ranges</b>                | <table><tbody><tr><td><b>Human</b></td><td><b>Vehicle</b></td></tr><tr><td>Detection : 7.150 m</td><td>Detection : 17.250 m</td></tr><tr><td>Recognition : 2.350 m</td><td>Recognition : 5.750 m</td></tr><tr><td>Identification : 1.150 m</td><td>Identification : 2.850 m</td></tr></tbody></table> | <b>Human</b> | <b>Vehicle</b> | Detection : 7.150 m | Detection : 17.250 m | Recognition : 2.350 m | Recognition : 5.750 m | Identification : 1.150 m | Identification : 2.850 m |
| <b>Human</b>             | <b>Vehicle</b>   |                              |   |              |                |                     |                      |                       |                       |                          |                          |
| Detection : 7.150 m      | Detection : 17.250 m   |                              |   |              |                |                     |                      |                       |                       |                          |                          |
| Recognition : 2.350 m    | Recognition : 5.750 m  |                              |   |              |                |                     |                      |                       |                       |                          |                          |
| Identification : 1.150 m | Identification : 2.850 m   |                              |   |              |                |                     |                      |                       |                       |                          |                          |