

THERMA CAMERA

INTERNATIONAL[®]
ARMOUR
DEFENSE SYSTEMS



WL-HD-TW10-RCX (HD IP)

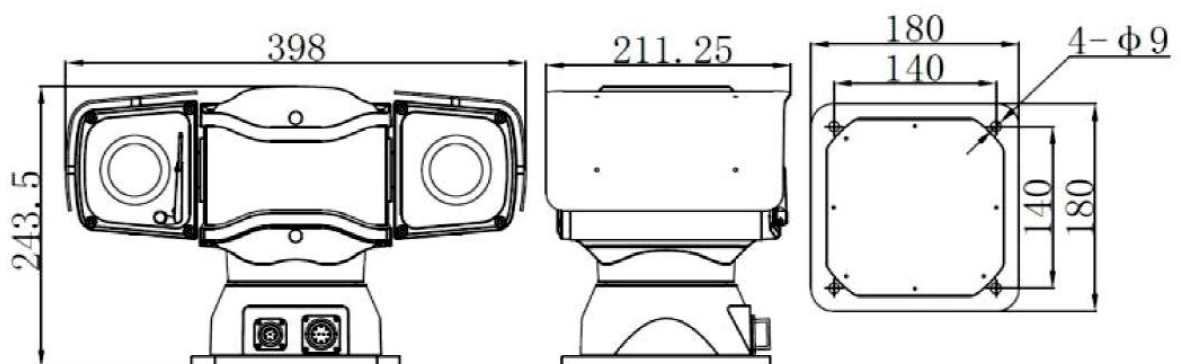
T-Type long range intelligent monitoring PTZ camera

Model: **WL-HD-TW10-RCX (HD IP)**

Advantage

- High PTZ positioning accuracy.
- The glass in the camera enclosure has Automatic defogging function, which effectively solves the repeated fogging and condensation of the glass caused by the temperature difference in the camera enclosure.
- With 3D positioning function, the monitoring operation is convenient
- With wiper function, the material has good weather resistance and is easy to replace
- Infrared fill light design, night fill light is more flexible and reasonable. Optional white light
- It has a wide voltage stabilizing module to ensure the power supply adaptability of the PTZ
- Die cast aluminum alloy design, protection grade IP66.
- Optional Vehicle shock absorbers
- The whole system adopts RS485 online upgrade to facilitate the customization and upgrade of PTZ programs

Application: It can be widely used in vehicle mobile law enforcement, substation, iron tower, inspection robot and other scenes.



T-Type long range intelligent monitoring PTZ camera

Category	Specification
Effective Distance (DRI)	Vehicle (2.3 × 2.3 m) Detection: 4857.5 m; Recognition: 1562.5 m; Identification: 781.3 m Human (1.8 × 0.6 m) Detection: 1562.5 m; Recognition: 520.8 m; Identification: 260.4 m
Thermal Sensor	Sensor: VOx uncooled IRFPA Effective Pixels: 640 × 512 @ 50 Hz Pixel Size: 12 μm NETD: ≤ 45 mK Spectral Range: 8–14 μm, LWIR
Thermal Lens	Focal Length: 75 mm Fixed FOV (640 × 512): 5.9° × 4.7° Angular Radian: 0.10 mrad
Visible Camera	Sensor: 1/1.8" Progressive Scan CMOS Resolution: 2688 × 1520 Frame Rate: 32 Kbps – 16 Mbps, 60 Hz Min. Illumination: Color: 0.0001 Lux (F1.6, AGC ON); B/W: 0.00005 Lux (F1.6, AGC ON) SD Card: Support
Visible Lens	Optical Lens: 6–264 mm, 40× Optical Zoom Image Stabilization: Gyro Defog: Support Focus Control: Manual / Auto
Image	Main Stream: 50 Hz: 25 fps (2688×1520, 2560×1440, 1920×1080, 1280×960, 1280×720) 60 Hz: 30 fps (2688×1520, 2560×1440, 1920×1080, 1280×960, 1280×720) Third Stream: 50 Hz: 25 fps (704×576) 60 Hz: 30 fps (704×576) Image Settings: Corridor mode, saturation, brightness, contrast, sharpness adjustable via IE / Client Day/Night Switch: Automatic, manual, timing, alarm trigger 3D Noise Reduction: Support Region of Interest: ROI supports three streams and five fixed areas
Intelligent Function	Fire Detection: Yes Smart Recording: Yes Smart Alarm: Supports alarm trigger of network disconnection, IP address conflict, full memory, memory error, illegal access, and abnormal detection Smart Detecting: Supports smart video analysis such as line intrusion, cross-border, and region intrusion
PTZ	Pan Fastest Speed: 20°/s Tilt Fastest Speed: 15°/s Pan Manual Control Speed: 0°–20°/s Tilt Manual Control Speed: 0°–15°/s Pan Range: 360° endless rotation Tilt Range: –90° ~ +90° Preset Accuracy: < 0.1° Preset: 255 positions Wiper Function: Support
Environmental	Relative Humidity: ≤ 90% IP Rating: IP66 Working Temperature: –30 °C ~ +70 °C
Power	Power Range: AC 24V ±10% / 45W Max / DC 24V optional

