



Head Office: Level 22, Boulevard Plaza,
 Tower 2, Office 12, Downtown Dubai, UAE
 Email : info@quantechworld.com

FULL HAND-HELD SURVEILLANCE & TARGET LOCALISATION SYSTEM

- Day & Night Observation Capability
- Optical Zoom
- HD Oled Display
- GPS Positioning Support
- Image and video capture

Applications

- Border & Coastal Surveillance
- Critical infrastructures
- Law Enforcement, Police
- Anti-terrorism
- Special operations
- Dismounted soldier (section leaders)
- Search & rescue



COOLED BINOCULAR

Portable & Long-Range Multifunction Binoculars





COOLED BINOCULAR

Portable & Long-Range Multifunction Binoculars

Based on years of actual combat application experience and continuous improvement, we have successfully developed the device, a portable, multifunctional, long-range binocular system that help operators observe the battlefield, and investigate target information under all weather conditions, observe shooting effects, etc., provides powerful information support for combat units.



◆ OBSERVATION & TARGET LOCATION

2 Observation Channel : Thermal & Color TV

◆ MULTIFUNCTION

- GPS positioning
- Take photo/video recording
- Electronic compass
- Target ranging and location computation

◆ EASY OPERATION

- Ergonomic design

◆ MULTIMEDIA & CONNECTIVITY

- Image / Video storage
- Fast data hand over
- Standard interfaces

◆ HIGH PRECISION HD

- Ranging accuracy: $\leq 3m$
- Positioning accuracy: $\leq 10m$
- Orientation accuracy: $\leq 0.5^\circ$

TECHNICAL SPECIFICATIONS

Weight : $< 3.5 \text{ kg}$

Cooled Thermal Channel (MWIR)

- Field of view :
 - WFoV : $\geq 7^\circ \times 5.2^\circ$
 - NFoV : $\geq 2.3^\circ \times 1.7^\circ$
- Sensor resolution : 640×512
- Cooldown time : $\leq 8 \text{ min}$

Color Day Channel

- WFoV : $\geq 7^\circ \times 5.2^\circ$
- NFoV : $\geq 1.8^\circ \times 1.3^\circ$
- 5 Megapixels

Other Features

- Eye safe laser rangefinder: $> 8 \text{ km}$
- GPS
- Electronic compass

Advanced Image Processing

- Image stabilization
- Continuous eZoom x1-x4

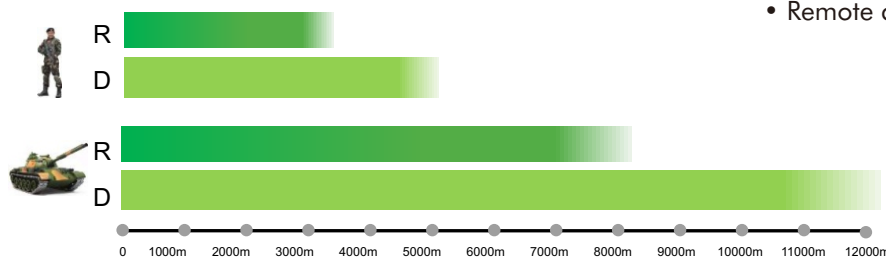
Power

- Rechargeable battery
- Autonomy : $> 6h$

Interfaces

- Video output : PAL analog
- Remote control : RS 232

RANGE PERFORMANCE



R : recognition
D : detection