

Thermal Binocular



Feature:

Light weight,compact and tripod mounted, comfortable for long observation

Magnification: 3.1x - 12.4x

Detection range: up to 1400 m

OLED display resolution: 1024x768 pixels

Integrated video recording, taking picture

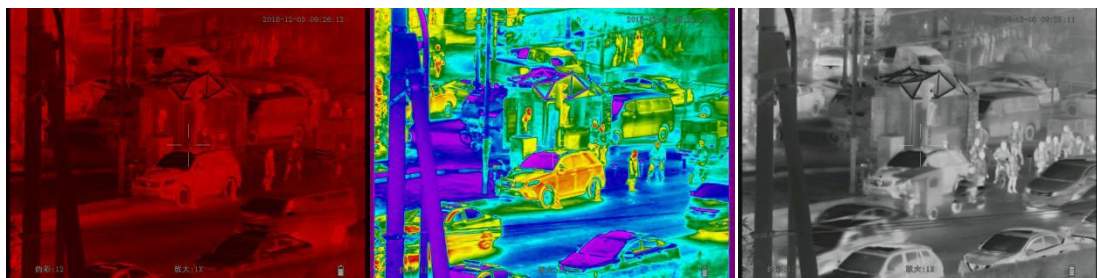
Motorized focus: far and near

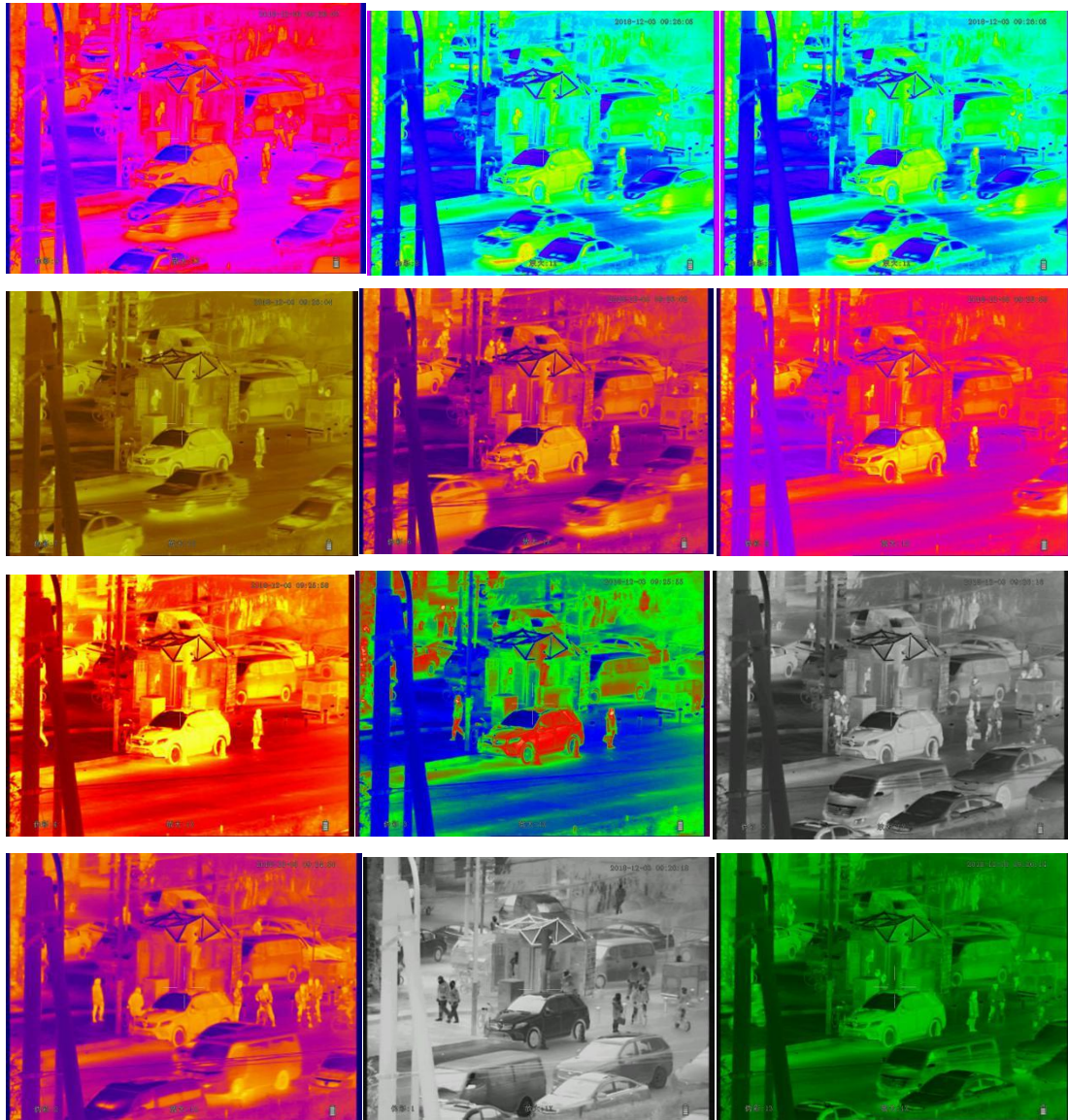
External Laser ranger finder (optional)

14 kinds of thermal color for surveillance

Compass

WiFi with APP for real time video transmission





Application:

- 1. Fast discovery of the hidden targets in surveillance and evidence collection;**
- 2. Night patrol, Human rescue, anti-drugs, criminals defending;**
- 3. Fire fighting, forests protection, military task, border defense;**

Specification:

Detector	VOX uncooled sensor
Resolution	384x288 pixels
Pitch	17μm
Frame rate	50 Hz
Wave length	7.5~13.5μm
NETD	<35mk @f/1.0
lens	50mm
Focus length	50mm f/1.0; Motorized focus;
Field of view	4.98°×3.74°
Image intensification	Image filtering and sharpening
DDE adjustment	1~32
Brightness and contrast	Automatic and manual
Thermal color (Polarity)	14 kinds: White hot /black hot / red hot / yellow hot, green hot,etc
Reticles	9 colors; marking and tracking the target
Zoom	1x,2x,3x,4x
Storage	Built-in 16G SD card
Display (eyepiece)	OLED 1024x768 pixels; Adjustable Dioptre
Recharging lithium battery	14.8V 8800mAh
Power	6W
Battery life	8 hours for continuous use
video	PAL
USB port	Transferring the video and pictures
Interface	RS232 for commissioning the device
External power	DC12V, 1A
Working temperature	-40°C ~ +60°C
Storage temperature	-45°C ~ +65°C
Shockproof	≤30G
Stability	Passed the vibration test (frequency:5~55~5Hz, accelerated speed 1.5g)
Rain guard	Raining:1.7mm/min; Raindrop: 0.5~4.5mm;
Dimension	188mm×152mm×80mm (including the eye shield)
Weight	1.3kg

