

T75C cooled thermal scope



Focal Plane Array

Array Size: 640x512

Detector Type : HgCdTe Spectral Response 3.7~5 μ m

Detector Pitch: 15 μ m

Lens

Focal: 85mm/150mm

F number: F4

FOV: 6.5 $^{\circ}$ $\times$ 5 $^{\circ}$ ~ 3.6 $^{\circ}$ $\times$ 2.7 $^{\circ}$

Lens Cap: Available Dioptre Correction Supported

Performance

Start-up time: $\leq$ 6 minutes

Frame rate: 50HZ

NETD $\leq$ 25mk@25 $^{\circ}$ C

Image & Video Management

Video Output: RS170 CCIR/PAL composite video(50HZ)(LEMO connector)

Display Type: 0.6"color OLED screen/1280x1024 pixels

Image Polarity: White Hot, Black Hot & Pseudo-colour Brightness Adjustable via

Menu

Contrast : Adjustable via Menu DDE Adjustale via Menu

E-Zoom: 1x,2x,3x,4x,5x,6x,7x,8x

F-Reticle & movement: Supported via menu Calibration Auto&Manual

Supported Video Storage 16GB SD Card

POWER

Battery type: 18650(8pcs)

Battery life: 6hours continuous at 20c Low battery

Indicator: Yes

External power Support 12v-35vDC external power input (LEMO Connector)

Source Consumption <20W

Additional Function

GPS : Yes, Compass Supported

Wifi: Yes

Environment

Operating Temperature 40°C to +60°C

Storage Temperature 50°C to +70°C

Mechanical

Dimensions(L X W X H): 230mm x 70mm x 80mm

Weight(kg): 2.15kg

Interface : RS-232(LEMO Connector)