

ICI IR 160



Image Performance

FOV/min. focus distance: 20°x 15°/0.1m
Spatial resolution: 2.2 mrad
Thermal sensitivity: 80mK @ 30°C
Detector type: FPA, uncool microbolometer
Resolution: 160 x 120
Spectral range: 8 - 14 um
Focus: Manual
Image Storage: 2GB removable SD card

Image Presentation

Image mode: IR/CCD/Duo-vision
LCD display: 2.5" TFT screen
Digital camera: 640 x 480 full color
Video output: NTSC(60Hz) or PAL (50Hz)

Temperature Measurement

Measurement range: -20°C - +250°C
Accuracy: ±2 or ±2 of readings
Measurement mode: 4 movable spots, auto hot/cold spot, isotherm
Correction: Emissivity, ambient temperature, distance
Delta T: Yes
Alarm: Yes

Battery system

Working voltage: DC 8V-11V
Battery operating time: 2.5 hours

Environment Specification

Operating temperature range: -20°C - +50°C
Storage temperature range: -40°C - +70°C
Humidity: 10% - 95%, non-condensing
Encapsulation: IP54
Shock: 25G
Vibration: 2G

Physical characteristic

Weight: Less than 500g (battery included)
Size: 172mm x 80mm x 162mm
Tripod mounting: 1/4" _20

Other

Illuminator: Yes
Laser pointer: Yes

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Duo-Vision

