

PYTHON eye

Description

LCTS-2 is a compact, lightweight, uncooled thermal sight for portable application. **LCTS-2** features a 8-12 μm single Field of View uncooled thermal imager and a high resolution OLED display and viewer, all housed in a ruggedized and sealed housing.

LCTS-2, when mounted on small arms or individual weapons, will enable the user to detect, acquire and engage targets during day and night.

Configuration

LCTS-2 comprises the following main components :

- Uncooled Thermal Imager.
- Main Electronics Board.
- OLED display and viewer.
- Ruggedized and Sealed Housing.

Specifications

Wavelength	8-14 μm
Detector	25 micron, Amorphous Silicon
Pixel	640 x 480 or 384 x 288
Thermal Sensitivity	<50 mK
Refresh Rate	50 Hz
Start up time	~2-3 sec..
OLED Micro Display Resolution	800x600
Polarity Control	White Hot/Black Hot
Field-of-View	23°X17°
Electronic zoom	x2, x4
Weight	≤ 1.2 kg (incl. batteries & interface)
Dimensions	160x70x53 mm
Operating temperature	-30°C to +55°C

Features

- Lightweight.
- Day/night operation.
- Multi-Use System Design.
- High Performance FPA.
- Shutterless and Soundless.
- Low Power Consumption.
- Shock and Water Proof IP67.
- Interchangeable Optics.
- Head, Helmet, and Weapon Mountable.

