



RUM-100-HH

RUM-100-HH is a compact and rugged man-portable day/night personal sight system. It combines the functionality of a thermal biocular with a daytime sight system multiplexed over the same display.

RUM-100-HH can be used as a stand-alone hand-held biocular or mounted on tripod . It is very much suitable for all surveillance missions.

The system offers high image quality and is extremely user friendly.

Features

- Night time IR-based operation with much higher viewing ranges than light intensifier monoculars.
- Daytime operation with high optical zoom functionality (20x optical zoom and up to 250x digital zoom).
- Excellent image quality.
- Ruggedized structure.
- Compactness.
- Easy operation.
- Reliability.
- Low power consumption.



Specifications of Thermal Monocular

Wavelength	8-14 μ m
Detector	25 micron, Amorphous Silicon
Pixel	640 x 480
Thermal Sensitivity	<50 mK
Refresh Rate	50 Hz
Start up time	~2x3 sec..
OLED Micro Display Resolution	800x600
Polarity Control	White Hot/Black Hot
Field-of-View	5°X6°
Electronic zoom	x2, x4
Weight	≤ 1.2 kg (incl. batteries & interface)
Operating temperature	-30°C to +55°C