

Cyclops AWX 640 VIS-SWIR

Compact Handheld Monocular with See Spot function



This new ultra compact SWIR monocular, handheld or weapon mounted, developed by Salvo Imaging allows day and night vision with See Spot Automatic Detection for any battlefield laser, from 800nm to 1500nm. The full system is rugged, small, and ideal for field application.

The system comes with an integrated 1550nm laser illuminator (not detectable by GEN II or III monocular or NVG) for discrete covert night vision application. It is light weight, pocket-sized developed to provide precise and accurate target acquisition during day and night operations.

Key Features and Benefits

- Operates in zero light conditions
- Greatly enhances vision at night or in dust, fog, smoke conditions
- Full day time operation
- Remain covert while being able to see your target
- Detect camouflage
- Ideal for special operations

Optical Specification

Sensor	640 x 512 Vis-SWIR
Spectral Response	400-1700nm
Field of View (HxV)	37.8 x 30.7 Degrees
Focus	Manual
Focal Length	14mm F1.75 / 16mm F1.2

General

Power Source	4x AA Lithium / Ext
Output	OLED, CCIR (25Hz) or EIA (30Hz)
Eye Relief	18mm
Diopter Correction	+2 / -6
ALPD Mode, Inverted Range	ON/OFF
SWIR Illumination	1550nm, 40 Deg FOV
Illumination Range	Up to 100m
Operating Temperature	-20C - +55C
Environment Protection	IP67, MIL-STD-810G Compliant
Weight	<750
Dimensions (LxWxH)	155mm x 90mm x 64mm

Ordering Info

ICS14-SWIR640-OL	Swir Monocular, 37.8 degrees Horizontal FOV, CCIR
RPL-AAB	AA Lithium Battery
RPL-BNC	BNC Cable
RPL-PM	Picatinny Mount
RPL-PL-Case	Pelicans Case

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