

BROLIS SIGHT S100U SWIR WEAPON SIGHT



The Brolis S100U is rugged long range SWIR weapon sight providing clear day/night imagery through various obscurants like dust, smoke, haze, fog and many others. The S100U incorporates in itself the latest InGaAs sensor and InP laser diode technology providing complete covertness to conventional night vision technology. While S100U is fully capable of passive night vision it also has integrated powerful laser illuminator with motorized beam divergence control for total darkness conditions or illumination through windows. The S100U is designed to interface with day scopes of 3x-12x optical zoom and is equipped with auto focus for easier control. Integrated micro SD card slot allows the operator to record and store data. The S100U withstand recoils up to .50 Cal, has full metal aircraft grade aluminium housing and is protected by superior wear and corrosion resistant, chemically stable ceramic coating. The S100U is available in five custom colors: Flat Dark Earth, OD Green, Cobalt, White and Graphite Black.

FEATURES

- » **ONE YEAR WARRANTY**
- » **WITHSTANDS RECOIL UP TO .50 CAL**
- » **WORKS WITH DAYSIGHTS UP TO 12X MAGNIFICATION**
- » **ABILITY TO USE DAY/NIGHT**
- » **DETECTS OBJECTS THROUGH GLASS**
- » **HIGH CONTRAST IMAGERY FOR OBJECT/INDIVIDUAL IDENTIFICATION**

STANDARD ACCESSORIES

Remote Control, Lens Caps, Operator's Manual, Carry Pouch, Coupling Light Shroud and Cables for Video Output and External Power Supply.

SYSTEM SPECIFICATIONS

| | |
|--------------------------|--|
| SENSOR: | 640X512 15 μM INGAAS |
| SPECTRAL RANGE: | VIS-NIR-SWIR |
| FIELD OF VIEW: | 5.5° (H) X 4.12° (V) |
| FOCAL LENGTH: | 100 MM |
| FOCUS: | AUTO FOCUS |
| F-NUMBER: | 1.5 |
| RETICLE: | MIL DOT |
| DIGITAL ZOOM: | 1X, 2X, 4X |
| BATTERY TYPE/LIFE: | 8 CR123 BATTERIES/>7 HRS |
| MAGNIFICATION: | UNITY |
| DETECTION / RECOGNITION: | 3.8 / 1.2 KM (HUMAN TARGET) |
| IP RATING: | MANUFACTURED TO IP68 (IMMERSION 1 M 2 H) |
| OPERATING TEMPERATURE: | -35 °C TO +50 °C |
| DIMENSIONS: | APPROX. 260 X 110 X 120 MM |
| WEIGHT: | BELOW 2100 G |
| MOUNTING SYSTEM: | PICATINNY RAIL (MIL-STD-1913) |
| CONNECTORS: | PAL VIDEO OUTPUT; EXTERNAL POWER SUPPLY; REMOTE CONTROL; MICRO SD SLOT |

INTEGRATED LASER ILLUMINATOR SPECIFICATIONS

| | |
|---------------------|------------------------|
| WAVELENGTH: | 1550 NM |
| OUTPUT POWER: | ADJUSTABLE UP TO 1.5 W |
| BEAM DIVERGENCE: | ADJUSTABLE 10-70 MRAD |
| WORKING DISTANCE: | UP TO 3 KM |
| LASER SAFETY CLASS: | CLASS 4 |