

# LW75 LWIR THERMAL WEAPON SIGHT



## FEATURES

- »» ONE YEAR WARRANTY
- »» OPTIONAL DIGITAL VIDEO RECORDER
- »» ABILITY TO USE DAY/NIGHT
- »» VIDEO-OUT CAPABILITY
- »» USE AS A WEAPON SIGHT OR HANDHELD IMAGER

The **Brolis LW75** is an uncooled thermal clip-on weapon sight. The LW75 can be used for both day and night applications, and is visible through dust, smoke, haze, and fog.

The LW75 is designed to interface with dayscopes, but can be used as a portable reconnaissance system. This system has the ability to record videos with optional Digital Video Recorder with a video-out capability. The LW75 is easy to use, accepts standard AA batteries and is built of full metal aircraft grade aluminum and protected by a superior wear and corrosion resistant, chemically stable ceramic coating. The LW75 is available in five custom colors: Flat Dark Earth, OD Green, Cobalt, White and Graphite Black.



NSN:	5855-47-000-8763
SENSOR:	640X480 17 $\mu$ MICROBOLOMETER
SPECTRAL RANGE:	8-12 $\mu$ M (LWIR)
FIELD OF VIEW:	8.30° (H) X 6.23° (V)
FOCAL LENGTH:	75 MM
FOCUS:	MANUAL
F-NUMBER:	1.2
SENSOR SENSITIVITY:	<35MK @ F/1.0 MK
DIGITAL ZOOM:	1X, 2X, 4X
BATTERY TYPE/LIFE:	3 AA BATTERIES/>4 HRS
MAGNIFICATION:	UNITY
DETECTION / RECOGNITION:	2.5 / 0.7 KM (HUMAN TARGET)
IP RATING:	MANUFACTURED TO IP68
OPERATING TEMPERATURE:	-40° C TO +50° C
DIMENSIONS:	196L X 75W X 94H MM
WEIGHT:	800 G (28.2 OZ) W/O BATTERIES
MOUNTING SYSTEM:	PICATINNY RAIL (MIL-STD-1913)
CONNECTORS:	CVBS ANALOG VIDEO OUT; REMOTE CONTROL PAD.



## STANDARD ACCESSORIES

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