



Front view



Attached to DSLR camera



1x lens with head mount

## NIGHT WITNESS SURVEILLANCE SYSTEM

Compact and lightweight Night Witness monocular is designed for low light observation and photo/video surveillance. It is the most versatile night vision system for law enforcement and rescue teams, professional photographers, coast guard, etc. Sturdy water and corrosion-proof body made from light aluminum and titanium alloys guarantees long trouble-free operation. Replaceable humidity collector filled with desiccant substantially improves monocular reliability in rapidly changing environment.

Night Witness is distinguished by its handy modular design along with an intelligent control system. It is offered in two versions: 1x and 5x. This monocular can be enhanced with professional lenses made by Sigma, Canon, Nikon and other manufacturers. It can be also attached to CCTV, photo and video cameras by the means of professional optical adapters.

Unique design effectively protects image intensifier tube from bright light. Intelligent TTL sensor measures the illumination level directly on photocathode surface and shuts off power faster and more reliably than the autogating mechanism of many other expensive image intensifier tubes.



Attached to video camera

### Optical

Magnification	1x	5x
Focal length / F number	25 mm/ F1.4	100 mm/ F1.7
Field of view	40°	10.5°
Focus range	3 m - infinity	3 m - infinity

### Eyepiece

Focal length	20 mm	20 mm
Eye relief	16 mm	16 mm
Exit pupil	7 mm	7 mm
Diopter adjustment range	-4 ... +4	-4 ... +4

### Environmental

Operational	-40°C ... +55°C	-40°C ... +55°C
Storage temperature	-40°C ... +65°C	-40°C ... +65°C
Relative humidity	Up to 98 %	Up to 98 %

### Mechanical

Lens mount	C-mount, 1" - 32 TPI	C-mount, 1" - 32 TPI
Power supply	1xAA or external power supply 3.5-15 V, 50 mA	1xAA or external power supply 3.5-15 V, 50 mA
Battery life at 20°C	10 hours (5 hours with infrared illuminator)	10 hours (5 hours with infrared illuminator)
Tripod socket	standard 1/4", 20 TPI	standard 1/4", 20 TPI
Dimensions	104x70x45 mm	220x70x60 mm
Weight with battery	390 g	540 g

### Configuration

Generation	18 mm, Gen. 2+	18 mm, Gen. 3
Resolution, min	57 lp/mm	57 lp/mm