

## DIANA

### Single tube night vision goggles

The single tube night vision goggles **Diana** by Optix is a night vision device designed for military and law enforcement units. They can be used handheld, mounted on a helmet or mounted on the head of the user. The device also allows the mounting of afocal magnifiers in front of the objective that can increase the magnification to 3x, 4x or 5x.

The single tube night vision goggles **Diana** can serve the following tasks:

- Field observation and patrolling;
- Tactical and strategical surveillance;
- Field reconnaissance.

**APPLICATIONS:**  
Defence & Security,  
Law enforcement



## TECHNICAL CHARACTERISTICS

## Diana

Magnification	1x
Objective equivalent focal length	23.8 mm
Field of View	43°
F-number	1.3
Focus range	0.25 m ÷ ∞
Eyepiece diopter adjustment	+4 ÷ -6 diopters
Exit pupil diameter	17 mm
Exit pupil relief	8 mm
Inter-pupil distance	54 ÷ 76 mm
Power supply	1 x 1.5 V AA alkaline battery or 1 x 1.2 V AA rechargeable battery or 1 x 3.6 V AA lithium battery
Overall dimensions (L x W x H)	147 x 141 x 64 mm (without the eyecups)
Weight	≤ 550 g (without the battery)
Operation time	40 hours (alkaline), 20 hours (rechargeable), 65 hours (lithium)
Operation temperature	-50 ÷ +50°C
Storage temperature	-56 ÷ +65°C
Calculated performance range*	
Detection range	210 m ÷ 350 m
Orientation range	180 m ÷ 290 m
Recognition range	84 m ÷ 140 m
Identification range	40 m ÷ 65 m

\*Calculated for 1,7m x 0,5m target based on Johnson's criteria and depending on Image Intensifier Tube, without taking atmospheric conditions into consideration.