



Phantom SF43

Night vision monocular

Applications: Defence & Security, Law enforcement

The night vision monocular **Phantom SF43** is a universal night vision device with one-time optical magnification (1x). It is specially designed for individual night observation with full field of view wider than 43°.

With its help, low illuminated and low contrast objects (targets) can be detected, recognised and identified.

The device can be used handheld, mounted on a face mask or on a helmet interface mechanism. It can also be mounted on a MIL-STD-1913 Picatinny rail and be used in combination with night vision compatible sights.

Phantom SF43 can serve the following tasks:

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





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TECHNICAL CHARACTERISTICS	Phantom SF43
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	8 mm
Exit pupil relief	25 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)	105 x 41 x 65 mm (without the eyecup)
Weight	≤ 270 g (without the battery)
Operation time	40 hours (alkaline), 20 hours (rechargeable), 65 hours (lithium) 1 x 3.0 V CR123A lithium battery (available as an option)
Operation temperature	-35 ÷ +50°C
Storage temperature	-40 ÷ +65°C
Water immersion resistance	Depth of 1 m for 2 hours (Optionally of 20 m for 1 hour)
IR flood lens	Available as an option
Manual gain control	Available as an option
Stereoscopic bridge mount with flip-side function	Available as an option
MIL-STD-1913 Weapon mount	Available as an option
Thermal fusion attachment	Available as an option



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