

MNV-1, MONOCULAR NIGHT VISION

Devices for infantry weapons

The MNV-1 is intended for observation and movement at night, as well as for aiming and firing at night and in conditions of limited visibility from submachine guns, automatic rifles and other weapons (depending on configuration). The device can be used mounted on a helmet / head, mounted on arms and out of hand. The MNV-1 functions are compatible with optical reflex sights and mechanically compatible (mounting) according to the MIL-STD-1913 standard ("Picattiny" or "Weaver rail"). The MNV-1 is compatible with laser target designator and target illuminators operating in the IR spectrum.

- * Allows aiming and shooting with an optical reflex sight, whether mounted on the weapon or on the helmet / head of the shooter.
- * Allows aiming and shooting in configuration with laser target designator and target illuminator in IR spectrum, whether mounted on weapon or helmet / shooter head
- * The lens has a protector that is easy to remove and install, and that when removed, the protector stays attached to the device



Technical features :

Magnification	1x
Field of view	40°
Size of target 1,8x0,5m	Detection ≥ 200m Recognition ≥ 100m
The range of diopter adjustment of the eyepiece	0,25m - ∞
Power supply	Standard battery
Image intensifier	II+ or III generation
Dioptic eyepiece adjustment	-4 dptr to +2dptr
Time of autonomous operation	> 24h
Mass MNV-1	with battery ≤ 0,5 kg with mount ≤ 0,9 kg
Temperature range	-30°C to +50°C

