



LUNOS

Lightweight Universal Night Observation System



DESCRIPTION

The LUNOS system is a versatile set night vision equipment that perfectly matches a variety of mission requirements such as border guarding and peacekeeping operations. The LUNOS passive night vision family consists of a common body, several high speed objectives with different magnification factors (1x, 4x and 6x) and a number of options, such as face mask, grip, monopod and reticle.

FLEXIBILITY

Unlike other systems, the LUNOS system allows fast exchange of objectives on the spot in the field. Switching from one objective lens to another is comparable with changing the lenses of a photo camera. The concept allows to change in the field, within one minute, from lightweight mask mounted hands-free night driving goggles to medium or long range, tripod mounted observation binoculars. The family concept is open ended by nature because of its modular approach. Later extensions to the family can easily be integrated.

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APPLICATIONS

LUNOS system offers:

the universal solution to observation:

- On the move (incl. driving)
- At intermediate distance (LUNOS 4x)
- At long distance (LUNOS 6x).

- Fast speed lens for LUNOS 1x system
- Fast speed mirror objective for LUNOS 4x and LUNOS 6x systems
- Built-in IR illuminator
- Operational under severe conditions
- Military specifications.

FEATURES

- Lightweight
- Modular design (interchangeable objectives)
- In the field exchange
- No image blooming

OPTIONS

- Reticule for LUNOS 6x
- Carrying bag and transport case.

TECHNICAL DATA

	LUNOS 1X	LUNOS 4X	LUNOS 6X
Magnification	1x	4x	6x
FOV	40°	10°	6.5°
Relative Aperture	f/1.1	f/1.2	f/1.5
Weight (excl. batteries)	570 gr.*	1000 gr.	2100 gr.**
Dimensions*	160 x 72 x 131mm.	230 x 104 x 136mm.	300 x 150 x 136mm.
Tube	Super Gen, Hyper Gen, GEN III tube, SHD3™ tube or XD4™ tube (Omnibus IV spec.)		
Battery	Standard AA size, 2x 1,5 V		
All the elements of the LUNOS system qualify for mechanical and climatological test according to military requirements.			
* Without face mask assembly (weight approx. 250 gr.)			
** Without handgrip			

