



MU-3M / MU-3ADM

NIGHT VISION MONOCULAR / GOGGLES

Battle proven device appreciated by numerous elite special forces and anti-terror users for covert missions in various theaters of operations, from extreme conditions of desert and jungle up to urban terrain with dynamic lightning conditions

Can be installed on every type of helmet including combat helmets with built-in nvg shroud or mich and pasgt types

Lightweight and compact in size. Built with very robust high grade aluminium alloy and glass optics for sharp and clear image

Water and dust tight, also available in submersible version up to 25m

Design based on 16mm INTENS™ 4G image intensification tube available with high FOM, ultra-fast autogating and green (P43) or white (P45) color image

The new unique binocular bridge allows for stereoscopic observation with both eyes, or with one eye aided only, and when in flipped up position to stow goggles in a very low profile position on a combat helmet





PNL-4

AVIATOR'S NIGHT VISION GOGGLES (MILITARY)

Compatible with the following aviator helmets: THL-5NV, Alpha, HGU-55/56, Gallet LH-250/350 and others on request

Equipped with automatic switch-off/on system when flipped-up/down

Designed to be used by the crews of military rotary-wing aircrafts during low light and night operations

Robust, reliable and compliant with full military specification



Available with proven green phosphor (P43) or high contrast white phosphor (P45 - ONYX) providing clear black and white image

PNL-4 can be optionally powered from the aircraft's electrical system;

PNL- 3M

AVIATOR'S NIGHT VISION GOGGLES (DUAL-USE)

Equipped with automatic emergency landing breakaway mechanism

Compatible with the following aviator helmets: THL-5NV, Alpha, HGU-55/56, Gallet LH-250/350 and others on request

Lightweight – 525g

Can be used in a variety of civilian situations requiring increased night viewing and safe night flying conditions e.g. by emergency medical services, mountain rescue teams, fire fighters and forestry service when navigating into remote sites or in severe deep night operations.

What differs the PNL-3M from many competitors is the low weight, high performance and superb quality. The design has been extensively tested by professional users and the research institutes. It combines the latest solutions in night vision technology and the highest quality materials.



Based on the state-of-the-art 4G INTENS® 16 mm Image Intensifier Tube with excellent low level observation parameters;

The device can be perfectly adjusted to the head and individual features of the pilot's eyesight

DCM-1

MODULAR WEAPON SIGHT

LDK-4 sight with magnification
4x
connected with collimator
sight MK-1

Compact and solid design
with constant
magnification 4x and
reticle illumination

Good ergonomics



Size of connected sights:
134 (L) x 68.5 (W) x 85 (H) mm

Designed for installing on
various types of weapons with
MIL-1913 standard rail





SCT

THERMAL WEAPON SIGHT

SCT sizes (L/W/H):
300 x 85 x 110mm

Weight with the batteries <1 kg

Display
- resolution 800x600 pix
- size 92mm x 45mm x 60mm



Additional equipment: helmet mounted external display allows for observing and firing from behind a field obstacle (e.g. building, wall, vehicle etc.)

Power saving functions

Designed for observation and aiming with small arms during the day and night and in various weather conditions

NPL-1T

THERMAL BINOCULAR

Magnificent image quality

Ultra-low power consumption

Wide range of operating temperatures

High resolution

Light weight and compact size

Digital video output

Allows to save pictures

Input from an external military GPS receiver

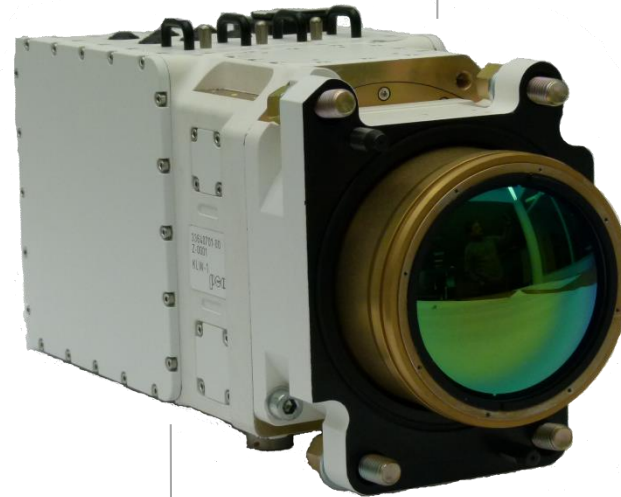


KLW-1

THERMAL CAMERA

High-quality cooled detector of III generation, operating in 8-12 μ m band

Cooled thermal imaging camera KLW-1, designed for modern armoured vehicles for fire control and surveillance systems



High stability of position of the aiming line

Easy to integrate with the majority of sights used in military combat vehicles

GOC-1

STABILIZED GUNNER'S OPTOELECTRONIC SYSTEM



Uses of the head:

- remote-controlled weapon modules installed on various platforms (e.g. armored transporting vehicles, reconnaissance vehicles, unmanned platforms, warships)
- in fire controlling systems of on-board weaponry
- in observation systems

Controlling the functions of the module with multifunctional panels used in a given system



Allows for detecting, recognizes, identifies, tracks, and measures the distance to the target detected

Observation range:
elevation: -20° - +60°
azimuth: n x 360°

GOD-1

STABILIZED COMMANDER'S OPTOELECTRONIC SYSTEM

Controlling the functions of the module from multifunctional panels used in a given system

allows for observing the scenery in TV and thermal imaging channel, as well as for measuring the distance to the target



Allows for detecting, recognizes, identifies, tracks, and measures the distance to the target detected

Observation range:
elevation: -20° - +60°
azimuth: n x 360°

SOD

OMNIDIRECTIONAL OBSERVATION SYSTEM



SOD omnidirectional observation system intended for wide-angle observation of near vicinity of the vehicle. Allows day and night observation, as well as in limited visibility conditions

SSP-1 OBRA-3

LASER WARNING SYSTEM



Optical and acoustic signal system, informing about detected radiation from various enemy laser sources e.g. rangefinders, laser illuminators

Detection of wide range of spectral radiation of laser beam

Update of the direction of the laser source

Impulse rangefinders and laser illuminators detect laser beams on vehicles and military objects



Used on wheeled and tracked combat vehicles by Polish and foreign armed forces

Launching smoke grenades in the following modes:
- manual
- semi-automatic
- automatic