

NEW

NIGHT EYES - AVIATION

The New Generation of Aviation Goggles

The NIGHT EYES offers high resolution and a clear bright image in a binocular configuration. It is a unique, compact binocular night vision system.





Interpupillary Adjustment
and Low Profile Adjustment

Chosen Position Locking Knob



Pitch Adjustment

Image Intensifier:

Auto-gated II Tube

Physical:

Housing Metal Housing
 Dimensions
 Length 108mm without cover & eyeguard
 Width 103mm (folded), 119mm (operational)
 Height 74mm
 Weight 580gr (20.4oz), helmet mount 140gr (5oz)
 Submersible Ready to 20m (with Plano Plano Lenses Fitted)

Standard Accessories: Daylight cover, eyeguard and helmet mount

Optical:

Magnification 1X (Can be used with 3X magnification)
 Field of view 40 degree
 Focus range 25 cm to infinity
 Dioptre adjustment -5 to +2
 Eye relief 25mm
 Exit pupil diameter 10mm
 Resolution 70 l/p or higher.
 (See II Tube XR5 Specification)
 Collimation 0.5 degree

Electrical:

Power source Single 1.5V "AA" alkaline/lithium battery or
 Single 3V CR123A lithium battery
 Operating time* CR 123 (Lithium) - with IR ±18Hours
 CR 123 (Lithium) - without IR ±28 Hours
 Standard "AA" size, (Alkaline) - with IR ±10 Hours
 Standard "AA" size, (Alkaline) - without IR ±16 Hours
 *time may vary depending on battery brand
 Main switch Four position rotary switch:
 OFF- all power OFF
 ON-M (first) - Power On (magnet switch)
 ON-V (second) - Power on
 IR - IR illuminator activated
 Indicators Visible LED in eyepiece indicate low battery
 And IR illuminator is activated
 High light sensor Shut off power to image intensifier tube
 when exposed to ambient light higher than 5000Lux