

NITIDUS ALPHA

Night vision aviator goggles

NITIDUS ALPHA - Night Vision Aviator's Goggles designed to offer versatility, ease of use and, above all, efficiency and superior vision in night flight operations. NITIDUS ALPHA is for pilots looking for high-end night vision performance goggles:

- Superior image quality
- Prepared for next generation intensifier tubes: GEN III and GEN IV
- Reduced weight and volume
- Helmet mounted adapter customization options
- Easy-to-use head mount with one hand operation
- Quick Release System for emergency situations
- Compatibility assured with any cockpit illumination
- MIL-SPEC 810G



System specifications*

Specifications	Range
Dimensions	120*107*87 mm
Weight	520 gr
Runtime	7 h (1.5V alkaline) / 20 h (3.7V lithium)
Batteries	2 AA battery
Filters	All types of cabin compatibility



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Optical specifications*

Specifications	Range
Focal length	25mm
Relative aperture (F/#)	1,2
Resolution	≥1,6 cl/mrad
Field of view	40°
Zoom	1x
Distortion	<3%
Focus range	0,25m to INF
Eye relief	25mm
Transmission	>92%
Diopter adjustment	-6 a +4 diopters

Intensification specifications*

Specifications	Range
Intensifier tubes	GEN III (upgradeable GEN-IV)
FOM	1800 (to 2000)
SNR	26
Phosphor screen	White or green
High brightness protection	YES
Image inversion	YES
Automatic switch ON	Yes
Operating temperature	-50°C to +50°C
Storage temperature	-50°C to +85°C
MTTD	10,000 hours

Accessories

- Hard case
- Soft case
- Cleaning clothes
- User Manual
- Eyecup & objective cup
- Clip-on battery pack
- Helmet adapter
- Neck cord

Hight quality optical systems and optronics for Defense and Security

Our mission is to provide innovative night vision products developed by our technical experience, our commitment to customer service and support and our wide knowledge in optics applied to night vision technologies.

We design and develop custom optoelectronic and optomechanical systems, precision optics and prototypes. ASE Optics offers, with its expertise and capabilities, a reliable service in optical engineering, design and manufacturing of custom precision systems

* Specifications may change without notice, please, contact ASE Optics Europe for an updated information.