

# NITIDUS TANGO

## Night vision binocular

NITIDUS TANGO is a night vision binocular designed to offer versatility, ease of use and, above all, superior vision in night or low light operations for land and sea

- Superior image quality
- Reduced weight and volume
- Submersible to 20 meters
- Prepared for next generation intensifier tubes:
  - GEN III
  - GEN IV
- Helmet mounted adapter customization options
- Optional integrated illumination
- MIL-SPEC 810G



## System specifications\*

Specifications	Range
Dimensions	120*107*87 mm
Weight	550 gr
Runtime	7 h (1.5V alkaline) / 20 h (3.7V lithium)
Batteries	2 AA battery
Filters	Sacrificial filter and others available
Submersible	20 meters

# NITIDUS ALPHA

## 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.