

XACT nv

Micro Compact Image Intensifying Night Vision Systems



Versatility

Micro compact image intensified night vision system family:

XACT nv32 micro NVG monocular or dual monocular

XACT nv33 micro NVG binocular

Head, helmet or weapon-mounted

Main Features

Revolutionarily lightweight:

Improved user safety

Extended usage time

Reduced neck stress

Exceptional image quality:

High-end, auto-gated image-intensified tubes and glass optics

High resolution, clear, bright image under adverse conditions

Minimal LOS deviation

Maximized operator adaptability:

Multiple mounting options compatible
with standard adapters

Integrated IR laser illuminator

Elbit Systems™

Security & Tactical EO Solutions – ELSEC

XACT nv

Micro Compact Image Intensifying Night Vision Systems

Extended Service Life

- Robust aluminum body suitable for operation in rough environment
- Unique software for maintenance including operation time counter
- Adjustable head tilt-based shut-off mechanism
- Complies with MIL-STD 810

System Components

- Mechanical adapters:
 - Monocular / binocular
 - Helmet mount
 - Head mount
 - Weapon adapter (monocular)
- Available accessories:
 - External power source connector

Technical Specifications



| XACT nv32 | |
|------------------------|--|
| Configuration | Monocular or Dual Monocular |
| Optical Magnification | X1 |
| Image Intensifier Tube | 16mm Up to FOM 2300, auto-gated |
| Weight | Under 210gr (w/o battery) |
| Field of View | 40° |
| Focus Range | 25cm to infinity |
| Eye Relief | 25mm |
| Diopter | -6 to +2 |
| Power Source | Single 1.5V AA (Alkaline)/3.6V (Lithium) batteries |



| XACT nv33 | |
|------------------------|---|
| Configuration | Binocular |
| Optical Magnification | X1 |
| Image Intensifier Tube | 16mm Up to FOM 2300, auto-gated |
| Weight | Under 450gr (w/o battery) |
| Field of View | 40° |
| Focus Range | 25cm to infinity |
| Eye Relief | 25mm |
| Diopter | -6 to +2 |
| Power Source | Single 1.5V AA (Alkaline)/3.6V (Lithium) batteries, battery pack or external power source |

