

XACT nv



Micro Compact Image Intensified Night Vision System



Missions

- 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 Light - Weight:
 - 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

Elbit Systems™

Security & Tactical EO Solutions – ELSEC

XACT nv

Micro Compact Image Intensified Night Vision System



- Maximized operator adaptability:
 - Multiple mounting options compatible with standard adapters
 - Integrated IR laser illuminator

Extended Service Life

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



Technical Specifications

XACT nv32	
Configuration	Monocular or Dual Monocular
Optical Magnification	X1
Image Intensifier Tube	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

System Components

- Mechanical Adapters:
 - Monocular/ Binocular
 - Helmet Mount
 - Head Mount
 - Weapon adapter (monocular)
- Available Accessories:
 - External power source connector



XACT nv33	
Configuration	Binocular
Optical Magnification	X1
Image Intensifier Tube	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

