



TARSIUS16

Miniature Night Vision Monocular

Features

Smallest and lightest of all NVGs and night vision monoculars

Revolutionary technology for superior performance

Wide choice of accessories: smart mount for system, helmet and face mask; 3x lens

Auto-gating, manual gain control and IR illuminator

Accepts 3 types of commercial batteries; consumes little power

Benefits

Improved operator effectiveness and agility

Highest mission success rate

Optimum configuration for all kinds of mission profiles

Safe and efficient use in widely varying light conditions

Simplified logistics, greater autonomy

Let Night
Be Light



vectronix

TARSIUS16 – Let Night Be Light

A new standard of performance

TARSIUS16 boasts miniaturized components and a revolutionary 16 mm image intensifier tube. Weighing 30 % to 45 % less than night vision monoculars based on 18 mm tubes, it sets the new standard in night vision technology.

The tube adjusts itself to varying levels of ambient light (auto-gating) which is essential when operating in urban terrain. In addition, there is a knob for deliberate brightness control allowing optimum recognition of details.

With its Smart Mount, TARSIUS16 can be configured specifically for the user's operational scenario. Without cumbersome tools or adapters, it transitions quickly between handheld use, system, face mask and helmet mounting, either in single or dual configuration.

Surveillance range and effectiveness are remarkably enhanced with the use of the optional 3x Magnification Lens.

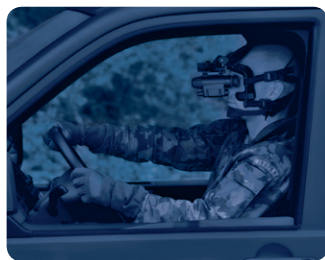
The unique blend of high performance, compactness, ergonomic design and flexibility provides users with superior situational awareness and agility.



The smallest and lightest MIL-spec night vision device

A new standard of excellence

With over 50,000 units in operation, Vectronix is a leader in the night vision market. Swiss craftsmanship and quality ensure each TARSIUS16 exceeds military specification standards. Professional support from Vectronix helps customers make sound investment decisions while logistic and service packages protect their investment.



Hands free for driving



3x magnification lens boosting surveillance range

Technical Data	
Magnification	1x
Field of view	40°
Image intensifier tube	16 mm, auto-gated
Focusing range	25 cm to infinity
Power supply	3 V lithium, type CR123A or 1.5 V alkaline, size AA LR6 or 1.2 V NiMH, size AA HR6
Autonomy	55 h at 20 °C
Weight	245 g
Dimensions	110 x 40 x 65 mm

A new standard of safety

The revolutionary ultra light-weight design of TARSIUS16 puts almost no physical stress on the operator, thereby reducing strain on the neck and back and improving mission performance.

The separate IR illuminator button and dual activation modes for continuous or manual operation provide the user with added control and reduce the risk of detection.

TARSIUS16 has a generous size exit pupil and eye relief to allow its use while wearing NBC protective gear.

With its low power consumption, and the flexibility to use three types of commercial standard batteries, TARSIUS16 operates for over 50 hours, providing added security while improving mission readiness.



Helmet mount with auto shut-off when flipped up



Secure fixation on helmet with quick individual adjustments

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