

TA-830

TACTICAL LASER AIMER

Description

The TA-830 is a covert infrared (IR) twin-laser aimer and illuminator for individual or crew-served weapons. The user may adjust TA-830 beam intensity to best suit the lighting condition, target contrast and range.

The projected aiming beam may be selected as steady, fast or slow pulsing modes and a selectable illuminator provides a covert augmenting light for night vision operations in extremely dark environments.

In addition, the powerful illuminator beam can be narrowed to provide a target or point of interest to other NVG equipped personnel.

The unique design of the TA-830 ensures continued operation under heavy recoil.



System basic content

- TA-830 Aimer/Illuminator
- NVEC-16 mount kit
- Full power remote switch (black)
- Full power paddle switch (black)
- Remote switch (blue - training)
- Paddle switch (blue - training)
- 2 AA lithium batteries
- Quick reference card (not shown)
- Operator's manual
- Hard case
- Soft case
- Lens Cleaning Paper

Technical Specification

Optical

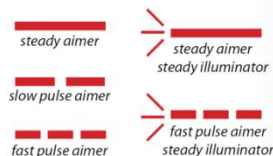
- Laser Class: Infrared, III b
- Beam wavelength: 830 +/-20 nanometers
- Beam Divergence:
 - - Laser: 0.3 mR min
 - - Illumination: 1.0 mR to 200+ mR
- IR Laser Output:
 - - Laser: 50 mW max.
 - - Illumination: 150 mW max
- Beam Modulation (CW):
 - - Laser: Slow pulse:3 Hz
 - - Illumination: Fast Pulse: 6HZ

Environmental

- Operational Temperature: -32°C/+51°C
- Storage Temperature: -57°C/+57°C

Mechanical

- Weight with batteries: 326 gr.
- Azimuth and elevation: 0.25 mR per click
- Dimensions: 144x81x63 mm
- Weapon mounting: Picatinny or other



Electrical

- Battery type: 2AA Lithium
- Electrical switch-main: OFF-Multi mode

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