



TV/MON-3/7 MONOCULAR NIGHT VISION DEVICE



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General Features

TV/MON-3 and TV/MON-7 product lines are the new generation and multi-purpose night vision devices.

TV/MON-3 is placed in a strong, light, compact and ergonomic composite body, conforming to military standards for optics, salt water, rain and continues to do its job with a superior performance under high humidity, extreme heat, shocks and impacts.

TV/MON-3/7 can be used by connecting to hand, headband, helmet or if desired directly on to the gun, with its wide range of accessories. It can even be used under water up to 6 meters by wearing special scuba glasses and filters. With the product-specific accessory, the two devices can be used together as a binocular.

If desired, TV/MON-3/7 can also be configured to protect the tube in high light environments.

When the TV/MON-3/7 is used attached to the headband or helmet, the user can lift the device up, in this case the device turns itself off automatically.

- Thanks to its lightness, it can be easily used by hand and on a helmet.
- Manual gain adjustment in different light levels (TV/MON-7 only)
- Automatic brightness protection (TV/MON-3 only)
- Automatic shut-off feature when raised / not in use while wearing headband / helmet
- Possibility to use as a sight with adapter on the gun
- Easy adjustment
- "Low battery voltage" and "IR illumination on" warnings

Hand-Held



Weapon Sight



Helmet Mounted



FOV: 41°±2°



105mm x 42mm x 67mm



-51° / +55°



30min at 8m water



295g



≥ 18mm Gen 2+ / Gen 3



F1.16



72 hours (IR off)
36 hours (IR on)



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Optical Specifications	
Magnification	1x
Field of view	41°±2°
Focus Range	25 cm to infinity
Lens Equivalent Focal Length	26mm
Lens F No	F1.16
Dioptr Range	+2 to -6
Eye Relief	25mm
System Resolution	≥1.4 lp/mrad (Depends on the tube)
Image Intensifier Tube	≥ 18mm Gen 2+ / Gen 3

Physical Specifications		
Device	Dimensions (Excluding eyecups)	
	Length *	105 -115mm *Varies depending on focus and dioptr setting
	Width	42mm
	Height	67mm
Carrying Case	Weight	295g (Excluding battery)
	Dimensions	205mm(U) x 330mm(G) x 80mm(Y)
	Weight	270g

Electrical Specifications	
Power Supply	1 pc. 1.5V AA Lithium battery or 1.5V AA Alkaline battery or 1.2V AA Rechargeable battery
Battery Life (Lithium Battery)	72 hours (IR-Off) at 20°C 36 hours (IR-On) at 20°C
"IR On" Warning	Red LED
Low Battery Alert	Red flashing LED alert
High Level Light Warning	Yellow LED warning
Auto Power Off	Automatically shuts off when not used (raised) on monocular, headband or helmet

Enviromental Specifications	
Working Temperature	-51°C/+55°C
Storage Temperature	-51°C/+71°C
Humidity	%95 Relative humidity (+ 68 ° C / + 23 ° C)
Immersion	30 min in 8m water
Operating Height	3500m

Standard Accessories

- Lens cover
- Carrying bag
- Anti-fog wipes
- Battery
- Booklet
- Cleaning Kit

Optional Accessories

- Shipping Bag
- Head mount assembly
- Helmet mount assembly
- Gun mount assembly
- Dual use adapter
- X3 magnification lens
- X5 magnification lens
- Supply socket
- Low temperature adapter
- Vehicle power adapter
- AC power adapter
- Camera adapter
- Capped eyecup
- Remote control unit
- Anti-fog lens
- Underwater mask assembly
- Objective protective lens
- Picatinny converter
- Scope mount adapter

