TVS 11M-640

THERMAL MONOCULAR

Display

TVS 11M-640 is the next generation of Newcon Optik's field-proven thermal imaging product line. Designed as a multipurpose thermal imager, the extremely lightweight and compact TVS 11M-640 can be deployed handheld, helmet or weapon-mounted configuration. Using a state-of-the-art uncooled thermal sensor, the TVS 11M-640 delivers incredibly clear images while achieving continuous operation of over 4 hours.

The TVS 11M-640 is fully MIL-SPEC and features a built-in 2x and 4x digital zoom which can be paired with an optional 2x A focal magnification lens for enhanced distance performance. With video-output as a standard feature, internal video/photo recording and a built-in IR laser pointer, the TVS 11M-640 is the ideal thermal monocular for military, police, and search & rescue applications.

Sensor	**TVS 11M-640**
Resolution (pixels)	640x512
Operating wavelength (μ)	8~14
Sensitivity (mK @F1.0)	<40
Video Output	PAL
DRI (m):	
Human	1550/520/260
Vehicle	3800/1250/600
Multiple colour options	Yes
Optics	
Objective focal length (mm)	35
Field of view (°)	12.5x10
Eye relief (mm)	25
Dioptric correction	-3 to +5
Zoom	1x, 2x, 4x
Mechanics, Electronics & Environmental	
Dimensions (mm)	125 x 75 x 50
Weight without batteries (g)	440
WIFI	Yes
GPS	GPS +-3M
Compass	Optional
NFC	Yes
Battery type	2x rechargeable 3.7V/900mAh CR123A
Battery life (hours)	4
Operating Temperature range (°C)	-35 to +60
Storage Temperature range (°C)	-51 to + 70
Waterproofing	IP 67 (1m for 30 min)
Optional weapon-mounting systems	S Mount, QR Mount
Weapon compatibility	Rifles, Machine guns & Anti-armour systems (RPG, Carl-G)
Aiming reticle	Yes
Internal video/photo recording memory	64 GB
Video recording/number of photos	4 hours /10,000 shots

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DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- 2x Lithium CR123 rechargeable Battery
- Objective lens cover
- AV cable
- Lens cleaning cloth
- Operation manual

OPTIONAL ACCESSORIES

MIL-SPEC Hard Case for TVS 11M

TVSD

External recording and viewing module for TVS 11M

TVS SE

Shuttered eyepiece

NVS S Mount

Shroud Helmet mount for TVS 11M

TVS 2x Lens

2x afocal add-on lens for TVS 11M

Shown on rifle with NVS QR Mount and TVS SE

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