

# Sentinel-TAC Fusion

Multipurpose Thermal Clip-On Enhancer



Display

Sentinel-TAC Fusion is a compact, lightweight multipurpose thermal clip-on designed to enhance situational awareness and significantly increase operator effectiveness during night and degraded-visibility operations. Optimized for integration with existing night vision devices, Sentinel-TAC Fusion provides advanced thermal detection and target identification capabilities that overcome the inherent limitations of traditional image-intensified night vision systems.

In addition to clip-on use, Sentinel-TAC Fusion can be configured as a handheld or head-mounted device, offering exceptional flexibility for a wide range of operational roles including surveillance, reconnaissance, target acquisition, and force protection.

	640 version	384 version
Multi usage	Clip on hand hold head mounted	
Dimension:mm	88x38x70 (hand held) 88x38x82 (head mounted) 88x43x78 (Clip on)	
Weight: g (without battery)	140 (hand held) 144 (head mounted) 92 (Clip on)	
Battery	CR123 (A) 1x 2.4~4.2V	
Battery life	3.5-4.5 hours	
Battery packs	Support	
Waterproof	IP67	
Compatibility	NVS7 NVS14 NVS15M PVS7 PVS31 PVS14 GPNVG18	
Sensor type	Uncooled longwave infrared thermal radiometer	
Radiometer resolution ratio	640x480	384x288
Wave range:um	8-12um	
Magnification	1X (Clip on) 1.2X (hand held and head mount)	
FOV	32 degree(Clip on) 36 degree (hand held and head mounted)	
Focal length	Fixed focus 10.5 mm	Fixed focus 6.5mm
Lens aperture	F1.0	
Range of focus	25mm~∞	
Brightness	Adjustable	
Image mode	Black hot / white hot / green / red / outline	
Detection/Recognition range (Human size)	650M/200M	500M/300M

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## DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- Mounting ring
- Detachable ocular



## INTEGRATED WITH:



NVS 15M



NVS 18



NVS 14 - 3AG/AGBW



NVS 7 - 3AG/AGBW