

MUNSTI



MUNSTI is a state of the art compact, lightweight and high performance uncooled Thermal Imaging clip-on sight for use in front of any day optical sight with magnifications up to 16x and more, making it ideally suitable for sniper weapons, anti-materiel weapons and any weapon where the user wishes to leave the daysight in place.

It allows detection ranges up to 2760m (man) and 7000m (vehicle), allows the firer to attach it instantly by its over-centre throw lever shock absorber base on to the Picatinny rail, and switch on to use within eight seconds without affecting the zero of the day sight.

MUNSTI is available with thermal detectors of either 384 x 288 or 640 x 480 resolutions and with a choice of optics giving either 7 degrees (125 mils) or 12 degrees (210 mils) horizontal fields of view.

Tél : +33 (0)6 78 01 77 44 - www.pc-equipment.fr



KEY FEATURES

- High performance uncooled Thermal Imaging clip-on sight
- Detection ranges up to 2760m (man) 7000m (vehicle)
- Usage within eight seconds without affecting the zero of the day sight
- 384 x 288 or 640 x 480 resolutions and with a choice of optics giving either 7 degrees (125 mils) or 12 degrees (210 mils) horizontal fields of view
- Simple and intuitive push button controls
- Advanced OLED 852 x 600 pixels SVGA Monochrome

SPECIFICATIONS

Thermal Image	
Detector Standard Definition SD	
Pitch	25μ
Pixels	384x288
Detector	AmSi microbolometer
Spectral band	8-12μm
NETD 45 mK	(25° F1)
Detector High Definition HD	
Pitch	17μ
Pixels	640x480
Detector	AmSi microbolometer
Spectral band	8-12μm
NETD 70 mK	(25° F1)
Display	Advanced OLED 852 x 600 pixels SVGA Monochrome
Optics	High quality germanium F1.0 objective lens 75mm or 45mm focal length 1x magnification
Horizontal field of view	75mm lens 7 Degrees 125 Mils
Horizontal field of view	45mm lens 12 Degrees, 210 Mils
Manual focus	
Fully coated rear lens optics	
Detachable rear lens shroud	
Performances Standard Definition SD	
Human Detection:	75mm lens 1900m 45mm lens 1140m
Human Recognition:	75mm lens 950m 45mm lens 570m
Human Identification:	75mm lens 630m 45mm lens 380m
Vehicle Detection:	75mm lens 4760m 45mm lens 2850m

Vehicle Recognition:	75mm lens 2380m 45mm lens 1425m
Vehicle Identification:	75mm lens 1580m 45mm lens 950m
High Definition (HD)	
Human Detection:	75mm lens 2760m 45mm lens 1650m
Human Recognition:	75mm lens 1380m 45mm lens 825m
Human Identification:	75mm lens 920m 45mm lens 550m
Vehicle Detection:	75mm lens 7000m 45mm lens 4200m
Vehicle Recognition:	75mm lens 3500m 45mm lens 2100m
Vehicle Identification:	75mm lens 2300m 45mm lens 1400m
Controls	By single, simple, intuitive push buttons on right and left side of sight
Left side	On/Off/NUC (additional NUC facility by remote pressure pad)

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