

THERMAL



MEPRO NOA NYX

Lightweight Uncooled Thermal Weapon Sight



- › Lightweight and Compact dimensions
- › Supporting 384x288 and 640x480 microbolometer cores (17 μ and 25 μ)
- › Three user-selectable reticle types
- › Rapid start-up time - less than 5 sec
- › Utilizes four commercially available "AA" batteries
- › Capture and storage of still images with PC download option
- › Video-out with full overlay for command & control
- › Versatile weapon-mounted or hand-held design
- › MIL-STD-810 qualified



MEPROLIGHT.COM



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THE THERMAL

Equipped with a wide FOV for mid-ranges weapons, the MEPRO NOA NYX guarantees high-quality observation and precision target engagement. Featuring a proven high-resolution microbolometer technology, using 640x480 or 320x240 detectors with 17 μ or 25 μ pixel size. The thermal sight enables efficient day & night operations in low- light conditions, dust & smoke scenarios, and in complete darkness common in CQB.

This versatile MEPRO NOA NYX is provided in a compact, lightweight and durable enclosure, minimizing weapon load and ensuring convenient and reliable operation at all times. Advanced power saving capabilities based on a motion sensor combined with utilization of four commercially available "AA" batteries considerably reduce sight's Life Cycle Costs (LCC).

Technical Specifications & Features				
Product	NYX S32	NYX S64	NYX M32	NYX M64
Sensor type	384 x 288	640 x 480	384 x 288	640 x 480
Pixel size	25 μ or 17 μ	17 μ	25 μ or 17 μ	17 μ
Spectral range	8 to 12 microns			
Field-of-View	15.6° x 11.7°	17.8° x 13.6°	9.14° x 6.86	10.3° x 7.6°
Optical magnification	x1.6	x1.2	x2.7	x2.3
Digital zoom	2x or 4x			
Focus range	5m to Infinity			
Range to detect human activity	<1300m	< 1300m	<1400m	<1500m
Range to recognize human activity	< 300m	< 400m	<500m	<550m
Display type	OLED (SVGA), Display resolution 768x576			
Eye relief	45 mm			
Diopter adjustment	+2 to - 6			
Video out	CCIR			
Battery type	4 standard "AA" batteries (Lithium / Alkaline / Rechargeable NiMH)			
External power (optional)	9V TO 31V DC			
Operation time	Up to 7 hours ("AA" lithium)			
Dimensions (LxWxH)	< 258 L x 76 W x 98 H mm		< 270 L x 78 W x 98 H mm	
Weight (w/o batteries)	< 1 kg		<1.2 Kg	