

THERMAL



MEPRO NYX-200

Lightweight Uncooled Multispectral Thermal Weapon Sights and Devices

- Multispectral thermal & sensitive camera channels in a hand-held or weapon mounted sight
 - Enhanced situational awareness at any darkness level and environment
 - Thermal channel: 640x480 microbolometer core 17 μ pixel size for high resolution
 - Sensitive camera channel: 1280x640 Low-light or day camera
- Operates on commercially available "AA" batteries
- Integrated DVR and Video-out for recording and debriefing
- Versatile weapon-mounted or hand-held design
- MIL-STD-810 qualified



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The MEPRO NYX-200 is an innovative, compact and lightweight multispectral weapon sight and hand-held device available in multiple configurations. Its high resolution 640x480, 17 μ thermal core and high resolution day/night digital camera enable soldiers to detect targets in total darkness while still seeing image details. Having a comprehensive view of the battlefield gives soldiers the enhanced situational awareness necessary for making precise, faster decisions to complete missions better and safer.

Advanced power saving capabilities based on motion sensor technology assures mission completion without power failure. The integrated dual wavelength device supports various tactical scenarios including CQB (Close Quarters Battle) and covert night operations. The MEPRO NYX-200 provides image capture and video recording on an internal SD card. All images and videos can be transmitted via a video out connector

MEPRO NYX-200 was designed and fabricated to the severest military standards, including MIL-810, to assure years of reliable operation under all field and environment conditions.

Technical Specifications & Features				
Product	NYX-211	NYX-212	NYX-221	NYX-222
Thermal Sensor type	640 x 480, 17μ			
2nd Channel	640 x 480, Low light camera	640 x 480, Day camera	640 x 480, Low light camera	640 x 480, Day camera
Spectral range	8 to 12 microns			
Thermal Field-of-View	23.1° x 17.3°		10.3° x 8.3°	
Optical magnification	x1.0		x2.0	
Digital zoom	1,2x or 4x			
Focus range	5m to Infinity			
Display type	OLED, 640x480			
Eye relief	30 mm			
Diopter adjustment	+2 to – 6			
Video out	Video over USB			
Battery type	4 standard “AA” batteries (Lithium / Alkaline / Rechargeable NiMH)			
External power (optional)	9V TO 12V DC			
Operation time	Up to 7 hours (“AA” lithium)			
Dimensions (LxWxH)	< 175 x 68 x 90 mm		< 205 x 68 x 90 mm	
Weight (w/o batteries)	< 680 g		<850 g	

Please Note: * Specifications are approximate and subject to change without notice ** Due to restrictions and regulations in certain countries some products may not be available for sale in your country

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