MLT-SUR-SD150MR

MILTECH SUR Series
Uncooled Sensor
Medium to Long-Range Multi Sensor Systems

Introducing the **MLT-SUR-SD150MR:** Your Ultimate Uncooled Thermal Imaging Solution!

Elevate your surveillance capabilities with Miltech Hellas's cutting-edge **MLT-SUR-SD150MR.** This high-resolution thermal imaging system boasts a 640 x 480 array format sensor, delivering unparalleled clarity and detail. Engineered for reliability, it ensures seamless operations even in the toughest environments.

Operators worldwide have recognised the **MLT-SUR-SD150MR** as the most precise and cost-effective medium to long-range surveillance tool available.
Backed by Miltech Hellas's unwavering quality guarantee, this system provides fast-turnaround service, ensuring you achieve all your field objectives with confidence.

Choose the **MLT-SUR-SD150MR** for a superior thermal imaging experience that combines innovation with reliability.

24/7 Operational Systems

Experience uninterrupted performance with our 24/7 operational systems, backed by rigorous quality control to capture every moment.

5x Continuous Optical Zoom

Gain full control and precision with our 5x continuous optical zoom and autofocus, perfect for monitoring and targeting objects effortlessly.

Custom and upgradable

System design Invest in a future-ready solution with our custom and upgradable system design, engineered to meet military-standard reliability and adapt to your evolving needs.

Applications

- Border Perimeter Security
- Coastal Surveillance
- Industrial Facility Security
- Critical Infrastructure Protection
- Deployable Vehicle Operations

MLT-SUR-SD150MR

THERMAL IMAGING:	
Sensor Resolution (in pixels).	640 X 480
Pixel pitch	12μm pixel pitch
Spectral Response	7-14 um
Thermal Sensitivity	<40mK (<30mK option)
Detector Type	Uncooled LWIR
Field of View	14.6˚ to 2.9˚
Optical Zoom	5x Continuous Zoom
Digital Zoom	Up to 4x
Focus	Autofocus and Manual Focus
Image Stabilization	e-Stabilization
Image Processing	Contrast/Brightness
Image Control	Polarity: White/Hot/ Black Hot
	Pseudo Color
DAYLIGHT HD CAMERA:	
Image Sensor	Type 1/2.8” Full HD CMOS, Color Sensor
Horizontal Field of View	64˚ to 2.4˚
Optical Zoom	30x
Digital Zoom	12x
Focus	Autofocus / Manual
Image Stabilization	e-Stabilization
Minimum Sensitivity	Color up to 0.009 lux.
Other-Features	Defog, Digital Noise Reduction
PAN-TILT UNIT:	
Azimuth Range	360˚ Continuous
Azimuth Velocity	0.1˚/s to 50˚/s
Elevation Range	± 90˚
Elevation Velocity	0.1˚/s to 50˚/s
Positioning Accuracy	≤ ± 1,5 mrad
POWER:	
Input Voltage	24VDC
Power Consumption	< 150 W Typical
INTERFACES:	
Remote Control	IP Ethernet
Video Output	IP, ONVIF
IP Integrations	Integrated IP encoders provide simultaneously H.264 RSTP (ONVIF)
PHYSICAL CHARACTERISTICS:	
Camera System Weight	~ 20kg
Camera Size (L x W x H)	360 x 600 x 350mm
ENVIRONMETAL:	
Operating Temperature Range	-30˚C to +65˚C
IP Rating	IP66
Standard	MLT-STD-810G
Material	Metal Anodized
OPTIONS:	
Automatic Tracking	Hardware and User based target acquisition and tracking capability
Laser Range Finder	Eye Safe Class 1 up to 12 Km

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