

MLT-SUR-XX

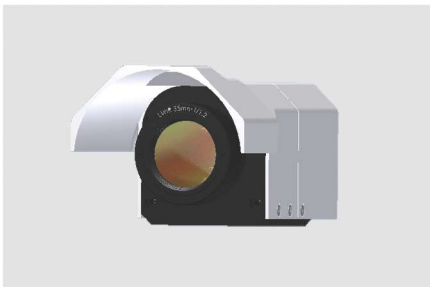


Incomparable

Thermal Imaging Quality

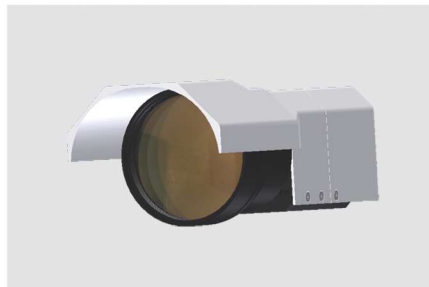
- ▶ Most advanced 3rd gen shutterless sensors
- ▶ Software Control
- ▶ Compatible with Pelco-D
- ▶ Uncooled Thermal Sensor @ 30Hz

MLT-SUR-35H



- ▶ Focal Length: FL 35mm f/1.2
- ▶ 3.2x Optical Magnification
- ▶ Size: L x W x H: 300 x 95 x 120 mm
- ▶ Field of View : 18° h x 13° v

MLT-SUR-60H

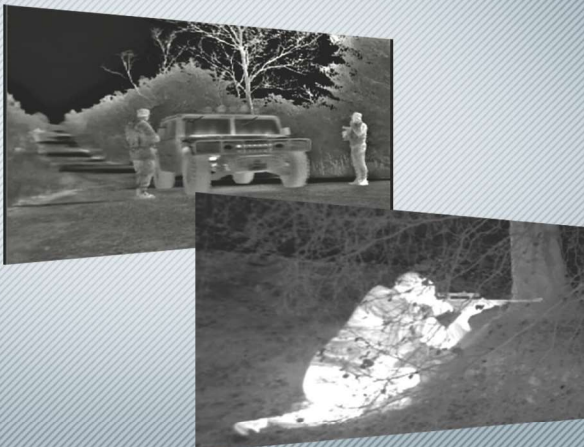


- ▶ Focal Length: FL 60mm f/1.25
- ▶ 5.5x Optical Magnification
- ▶ Size: L x W x H: 300 x 95 x 120 mm
- ▶ Field of View : 10° h x 8° v

MLT-SUR-80H



- ▶ Focal Length: FL 80 mm f/1.1
- ▶ 6.8x Optical Magnification
- ▶ Size: L x W x H: 300 x 95 x 120 mm
- ▶ Field of View : 8° h x 6° v

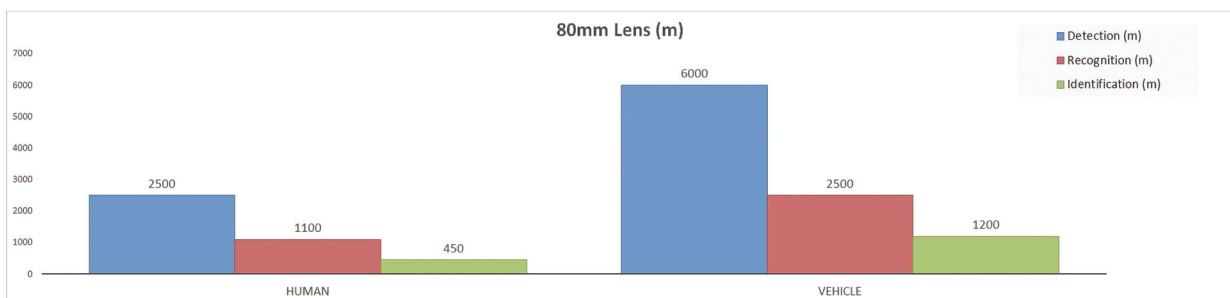
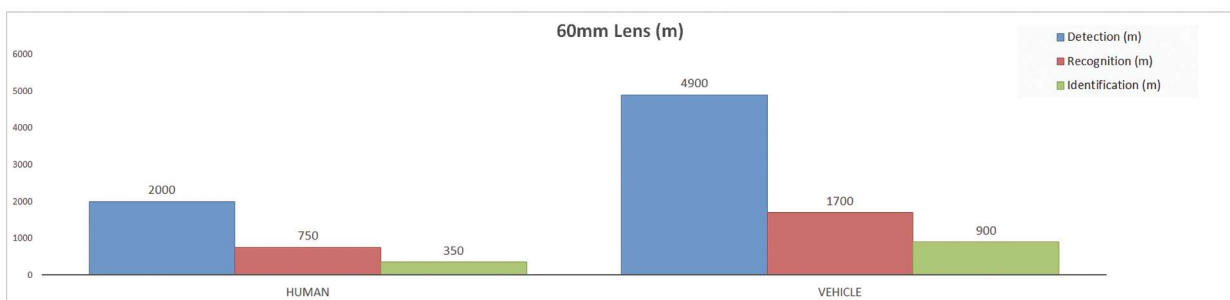
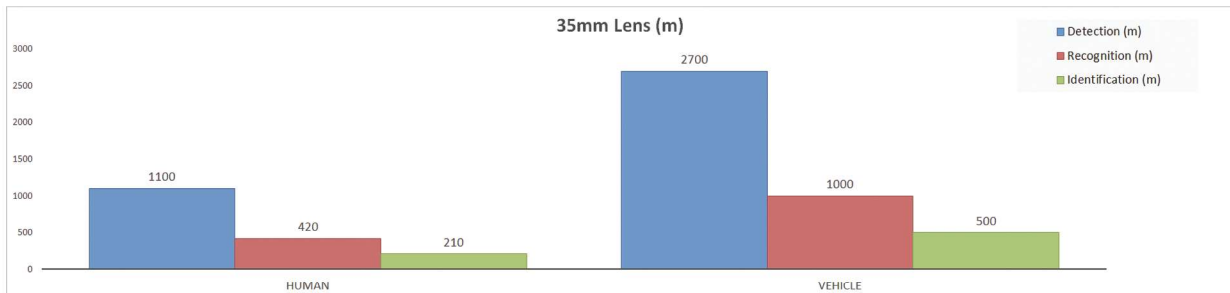


The Hellenic Response
To Defense Applications



The MLT-SUR-XX is a series of rugged thermal surveillance cameras for continuous short or long range observation during day and night. Their operation is not affected by obscured atmospheric conditions such as dust, fog, rain or smoke. The cameras incorporate a state-of-the-art infrared sensor able to detect heat emitting bodies far in the distance and for continuous operation. The MLT-SUR-Series are ideally applicable for long range observation and surveillance for security, government or civilian use.

- Advanced Uncooled Thermal Sensor 640x480 17 μ pitch
- Spectral Response 7 to 14 microns
- 2x, 4x Digital Zoom
- NEDT \leq 50o mK
- Focus Range: 10m to infinity
- Power: 220V AC with DC/AC adaptor
- Pelco-D compatible
- Digital Zoom : x2, x4
- Polarity Control: White Hot / Black Hot
- Communication Protocol : RS2422/485/232
- Initial Start-Up: < 2 seconds
- OSD Text & Graphics ability
- Aluminium chassis, non reflective colour
- Analogue video output: PAL/NTSC
- Environmental Standard: MIL-STD-810G



* The calculation for detection and recognition includes the entire system performance according to the realistic model and Johnson criteria, taking into account: $\Delta T=2$ degrees | Atmospheric losses 0.85/Km | Critical Dimension $H=\sqrt{\text{Width} \times \text{Height}}$