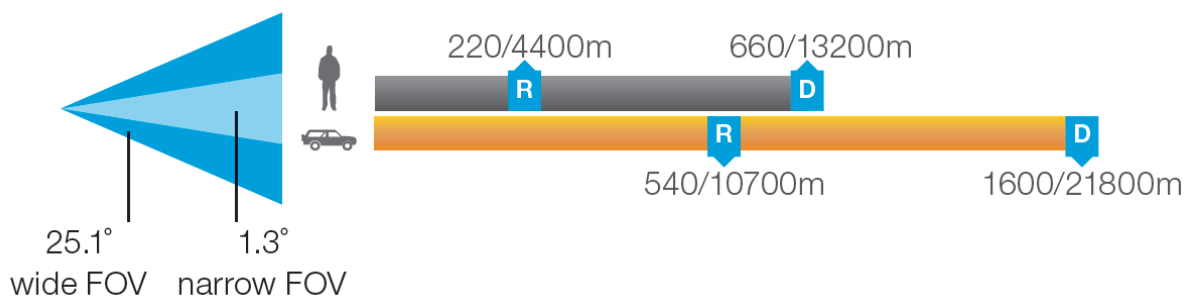


# Elios LR2S - Technical Specification & Performances



## Long Range, Continues Zoom cooled thermal imager & CCD zoom camera



*Distances may vary due to atmospherically conditions*



| Thermal Imager  | Day Camera (color/BW)   | PAN / TILT unit  | General  |
|---|---|--|--|
| Sensor format :<br>Cooled InSb<br>Resolution: 640X512<br>Spectral band: 3-5 $\mu$ m<br>Pixel size: 15 $\mu$ m<br>NETD: <20° mK<br>Lens:<br>Continues zoom: 15-300 / 21-420 mm<br>FOV N(420mm): 1.3°<br>Focus control: Automatic<br>Electronic zoom: 2X, 4X<br>Black hot / white hot control | Sensor format :<br>1/2 DSP image sensor, Progressive scan.<br>Wide Dynamic Range.<br>Res. >H520, >V460 TVL<br>DNR - 102DB typical<br>Min Illumination: Color 0.1 Lx<br>B&W 0.003 Lx<br>Ultra telephoto lens X33 extender provide 30 – 1100 mm.<br>High speed zoom /manual focus | Pan Tilt type:<br>FLIR USA<br>Zero Backlash, Slip Ring<br>Azimuth range: >360° continuous<br>Elevation range : -90° to +40°<br>Minimum Pan speed : 0.05° sec<br>Maximum Pan speed : 60° Second<br>Preset accuracy: 0.0075°<br>Maximum load: 20 Kg.<br>Built-in 2 Axis Gyro Stabilization | Power: 24VDC<br>Environment: IP66<br>Operating temp: -10° / +50°<br>Ext range -20° / +55°<br>Interface: Pelco D<br>Weight: 30 Kg<br>Single / Dual video output<br>Control: RS485 / TCP<br>Video out: Composite / TCP |