



Smart Vision > Optronics

Leda T500FHD

Daylight Camera

The LEDA-T500FHD is part of a family of single and multiple sensor modules consisting of a rugged and sealed housing. Consisting in this case of a single open frame Taurus-Z500FHD Daylight Camera and is qualified for harsh environments.

Compact Full HD x44 zoom covering from 34° to 0.75° Field of View

Selection of integrated optical filters enabling Visible or NIR modes.

Sophisticated suite of Image Processing algorithms for low latency video (<20ms) in HD-SDI or Giga Ethernet formats.

Perfect alignment and focus through zoom over complete temperature range

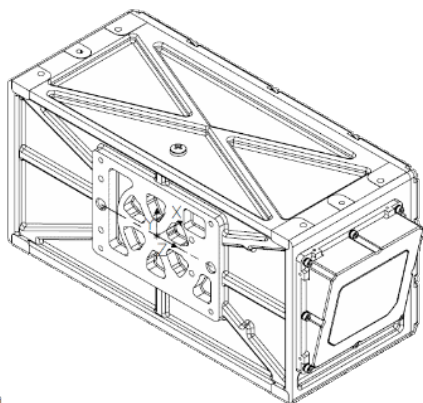
Available in colour or monochrome in both open frame or housed configuration

ITAR Free with options for wipers and window heaters for de-icing

The Leda-T500FHD can be controlled through either an RS422 or Ethernet port and has digital (HD/SD-SDI or Giga Ethernet) or analogue (PAL/NTSC) video outputs available.

CHARACTERISTICS LEDA T500 FHD

Camera Characteristics	
Wavelength	0.4 to 1.0µm (Visible and NIR)
Detector Type	3.45µm pitch 2064 x 1544 pixels CMOS Focal Plane Array – colour or monochrome
Sensitivity	<1 Lux (Colour), <0.5 Lux Monochrome
Video Latency	< 20ms
Optics	x44 Continuous Zoom with x2 and x4 digital zoom Field of View from 34 to 0.75° (0.19° with x4 digital zoom)
Alignment of FOVs	Less than 7 pixels
FOV change time	Less than 4 seconds.
Characteristics System	
Outer Dimensions	150mm x 348mm x 113mm - without optional side mounted Dovetail)
Weight	<6.0Kg
Video Output	Analogue Video - RS170 or CCIR. Digital Video – Giga Ethernet or SDI (HD or 3G according to frame rate).
Power	28Vdc to MIL-STD-1275 < 15W (up to 50W when window heater activated).
Control	RS422 or Ethernet control



TAURUS-Z500FHD

The **LEDA T500 FHD** is a long-range dual-mode visible / NIR thermal camera with continuous zoom optics. is part of a wider range of optronic products such as the ultra compact Orison MWIR camera, the 4 axis gyro stabilised ARGOS-15HD and the LEDA Multi Sensor Modules all which have been developed for a variety of platforms including ships, aircraft, helicopters, vehicles and fixed ground applications.

All systems are 100% designed, developed, manufactured and maintained by Tecnobit at it's Spanish facility.



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