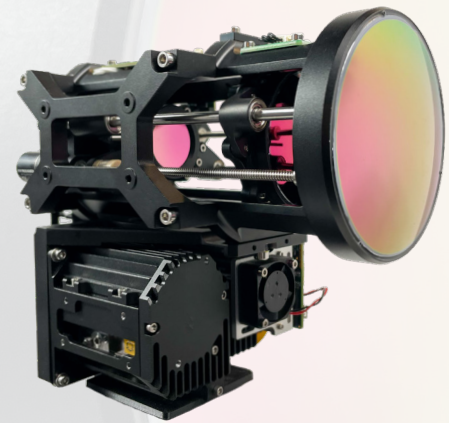




# VENTUS HD6-2.4

PRECISE VISION, COMPACT DESIGN



Discover the Ventus HD6-2.4, a compact yet powerful HD MWIR camera designed with the integrator in mind. With a small footprint that enables easy integration into imaging gimbals, dismount units, sighting systems, and more, it provides unmatched capabilities in a convenient package.

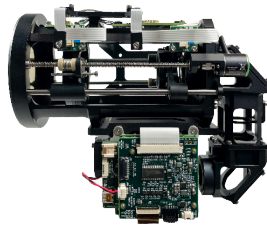
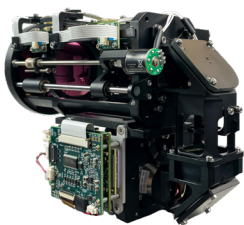
## DETAILS

Sierra Olympia has built proven 6 micron technology from DRS Leonardo into a complete camera system to leverage their HD (1280x960) focal plane with a proprietary long-life cooler for higher acuity and FOV with lower total cost of ownership. On-board video encoding and advanced image processing makes this camera perfect for integration into high-performance applications in the air and on the ground.

## APPLICATIONS

- + Long Range Vision
- + Airports
- + Airborne
- + Shipping Yards
- + Terrestrial Surveillance
- + Crewed/Uncrewed Systems

- + Extended Cooler Life
- + 1280 x 960 HD format
- + 10X Optical zoom
- + Engineered for Low-SWaP





# VENTUS HD6-2.4

PRECISE VISION, COMPACT DESIGN

EXPORT CLASSIFICATION: DUAL USE

## FEATURE SPECS

### DETECTOR



Detector Type	Mercury Cadmium Telluride
Array Format	1280 x 960
Pixel Pitch	6 Micron
Spectral Response	MWIR
Frame Rate	30 Hz default 60 Hz capable
Bit Depth	14-bit
NETD	30 mK Typical

### ENVIRONMENTAL



Input Voltage	12 VDC
Power Dissipation	< 16W steady state (estimated)
Operating Temperature	-20°C to + 60°C

### LENS OPTIONS



EFL	18mm to 180mm
F#	2.6
FOV	25°-2.4°
Focus	One-touch autofocus
Optical Zoom	10X
Environmental Coating	Athermalized, high-performance AR coating
Size (L x W x H)	195 x 106 x 143 mm
Weight	1390g

### SYSTEM



Digital Video Output	HDMI, HDSDI (optional) CameraLink®
IP Video Output	Ethernet (H.264, H.265)
NUC	2-point NUC, 1-point with shutter, Bad Pixel Replacement
Digital Zoom / Pan	1X to 16X

