SIERRA-OLYMPIA
TECHNOLOGIES INC.

VENTUS HD6-0.6
LONG RANGE HD THERMAL IMAGING

The Ventus HD6-0.6 represents a pivotal advancement in terrestrial surveillance technology for applications that demand the best precision, power, and reliability.

DETAILS

Sierra Olympia has built proven 6-um 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 surveillance systems.

APPLICATIONS

+ Wildlife Monitoring
+ Airports
+ Airborne
+ Shipping Yards
+ Terrestrial Surveillance
+

+ Extended Cooler Life
+ 1280 x 960 HD format
+ 14X Optical zoom
+ One Touch Auto Focus

VENTUS HD6-0.6

LONG RANGE HD THERMAL IMAGING

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	0ºC to + 40ºC (estimated)

LENS OPTIONS

EFL	50mm to 720mm
F#	2.6
FOV	8.8º-0.6º
Focus	One-touch autofocus
Optical Zoom	14X
Environmental Coating	Athermalized, ``-performance AR coating
Size (L x W x H)	590x329x329mm (estimated)
Weight	14500g (estimated)

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