



Certified by the Space Foundation



- Data Transport
- Camera Link
- Accessories (Included)**
- Sensor System
- Portable Computer
- Objective Lens
- ( 6" X 6") Reference Panel
- Acquisition Software

Carrying Case



## THEMIS-UV/200ABC "Transluminous" Series

**Sensor Type** Pushbroom - Scanning Portable Turnkey Hyperspectral system  
(Addressable Hyperspectral Features)

**Performance**

Spectral Range (Continuous Coverage)	200-400nm
# Spectral Channels/bands	Up to 220
# Spatial Pixels	1000
Field of view	30 degrees
Entrance Slit Size	50 μm x 9.3 mm
F/#	F/2
Spectral Width Sampling/Row	~2 nm centered
Spectral Resolution (FWHM)	4.5nm
Pixel Size	8μm x 8μm
Dynamic Range	12 bit
Frame Rate	40Mhz
Smile/keystone Distortion	< .5nm
Noise Level	25 e-rms@40MHZ
Camera Type	CCD/UV Enhanced/C8800-21
Lens mount standard (other & custom mounts per request)	c-mount
Cooling	Peltier Cooled / with Fan

**Dimensions, Weight, and Power**

Item	Dimensions (In/cm)	Weight (lb/Kg)
Sensor Footprint	L(12") x W(4") x H(5") L(30.48cm) x W(10.16cm) x H(12.7cm)	
Sensor Weight		7lbs/3.18kgs

**On-site Setup and Training**

upon request: ask for quote for these services.  
for ENVI training please contact ITT systems - ENVI developers and Specialists.

Space Technology  
improving life  
on Earth



**Motor Control**

Motor Type	Servo Thread Driven
Control	Computer Controlled
Power Supply	24 Volt / Switchable Power

**Portability**

Mounting	2 (1/4 - 20) mounting Holes
Upright Microscopes	YES
Tripods	YES
Copy stands	YES
Aircraft Mounts	YES



**Software and Data Processing**

Function	Software
Acquisition	THEMIS' HyperVisual
Pre-processing	THEMIS' HyperVisual
Operating System	Microsoft XP/Win7 (Currently 32 bit operating systems)

ALL THEMIS' sensors are calibrated to traceable standards  
Specifications subject to change

Phone: 804-822-0984 Fax: 610-870-3888  
Email: info@themisvision.com

<http://www.themisvision.com>