



Certified by the Space Foundation



- Data Transport
- Camera Link
- Accessories (Included)**
- Sensor System
- Portable Computer
- Objective Lens
- (10" X 10") 99% Reference Panel
- (2" Square) 12.5% Reference Panel
- Acquisition Software
- Carrying Case



PHILUMINA-UV/200 "Ultraviolet" Series

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

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 . Exelis - 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	PHILUMINA' imaging software
Pre-processing	PHILUMINA' imaging software
Operating System	Microsoft XP/Win7 (Currently 32 bit operating systems)

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

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