

SPECTROCAM UV-VIS SPECIFICATIONS

Sensor:	Progressive Scan
Size:	1/2" monochrome
Pixel Size:	4.65 x 4.65 μm
Resolution:	1392 (h) x 1040 (v)
Sensing Area:	6.4 (h) x 4.8 (v) mm
Scanning Systems:	Progressive scan
Signal to Noise Ratio:	greater than 50dB (@ 0dB gain)
Exposure:	61us to 2s (mode dépendant)
Gain:	-3 to +12 dB
Frame Rate:	up to 16 frames per second (full frame, operation mode dependent)
Digital Video Output:	GigE Vision Complaint, Monochrome
Bit Level:	8 bits, 10 bits, 10 bits packed
Digital Video Interface:	GigE
Pixel Clock:	33.57MHz
Universal Power Supply:	100 to 240VAC, 47 to 63Hz, Thermal / Voltage / Current protected
Application Software:	National Instrumentation Lab View based, modules available
Image File Format:	PNG, BMP, TIFF, JPG (with Time/Date stamp)
Operational Modes:	- Fast (global exposure and gain)

- Sequence (individual exposure and gain)
- Index (exposure 31ms to 2 seconds)

