

High-Speed, High-Resolution Industrial Camera Technology

IC-X16A-CL

16MP @ 47FPS



- 16Mega Pixels @ 47fps
- Resolution 4096 x 4096
- GlobalShutter 3usec ~ 10sec
- Optimized PRNU/DP Correction
- True 8Bit Data Output
- 8/10Tap Configuration
- F/M42/M58/M72/LM-Mount
- 4User Areas for Calibration Storage

Sensor	16 MegaPixel Color & Monochrome CMOS Sensor (Global Shutter)
Resolution	4096 x 4096
Pixel Size	4.5µm x 4.5µm
Frame Rate	47fps at 10Tap Mode, 80MHz Pixel Clock
Video Output	8 Bit Data Output
Camera Link Configuration	8Tap/10Tap 2ch CameraLink Configuration
Sensor Size	Diameter26.1mm,18.43mm(H) x 18.43mm(V)
Responsivity	3.1V/lux.s(550nm)
SNR	43 dB
Dynamic Range	53 dB
Gamma/Knee	Fixed 0.45 or 256 Point LUT
Shutter Speed	3µsec - 10sec, 1µsec step
Lens Mount	F-Mount, M42, M58, M72, LM(Leica M), Custom OEM
Operating Temperature	Operating 0℃ ~ 40℃, Storage 0℃ ~ 70℃
Humidity	20% ~ 90% Non-Condensing
External Power Supply Voltage	12 VDC ± 10%, 18W
Dimensions	82mm (L) x 82mm (W) x 83.7mm (H)
Weight	520g (include F-Mount)
Image Control	PRNU, Auto & Man Defect Pixel Correction, White Balance
Special Function	Programmable Exposure & Strobe Delay, ROI, 4user Area for Calibration Storage

* All specifications subject to change without notice.

Connector

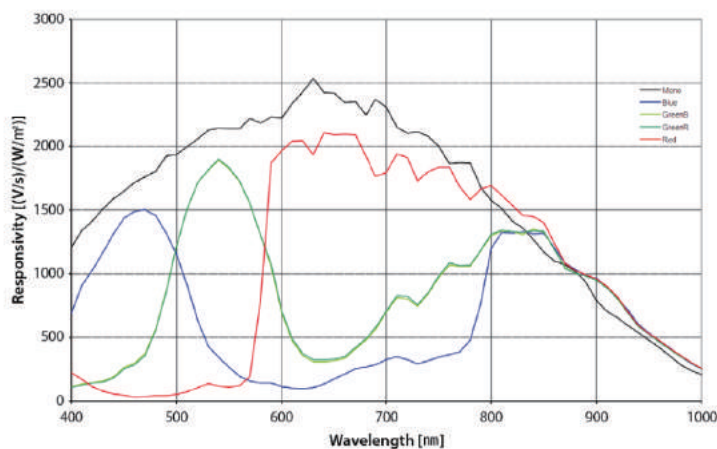
Power			
Pin No.	I/O	Signal Name	
1	DC	+12V	
2	DC	+12V	
3	DC	+12V	
4	GND	GROUND	
5	GND	GROUND	
6	GND	GROUND	

Mating Connector : Female (part#HR10A-7P-6S)

Control			
Pin No.	I/O	Signal Name	
1	INPUT	TRIGGER +	
2	INPUT	TRIGGER -	
3	GND	GROUND	
4	OUTPUT	STROBE OUTPUT	

Mating Connector : Male (part#HR10A-7P-4P)

Spectral Response



Dimensions

