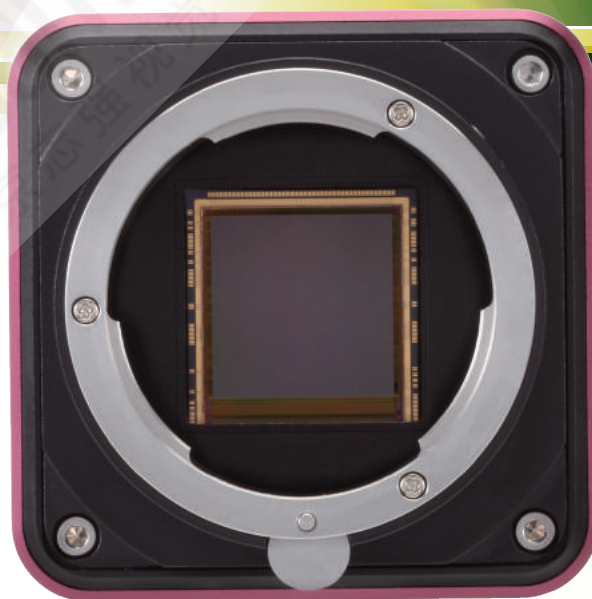


High-Speed, High-Resolution Industrial Camera Technology

IC-X25B-CL

25MP @ 30 FPS



- 25 Mega Pixels @ 30 fps
- Resolution 5120 x 5120
- Global Shutter 1usec~10sec
- Optimized PRNU / DP Correction
- True 8 Bit Data Output
- 10 Tap Full Configuration (Deca)
- F / M42 / M58 / M72 / LM-Mount
- 4 User Areas for Calibration Storage

Sensor	25 Mega Pixel Color (TBD) & Monochrome CMOS Sensor (Global Shutter)
Resolution	5120 x 5120
Pixel Size	4.5μm x 4.5μm
Frame Rate	30 fps at 10 Tap Full Mode, 80MHz Pixel Clock
Video Output	8 Bit Data Output
Camera Link Configuration	10 Tap 2ch Camera Link Full Configuration (DECA)
Sensor Size	Diameter 35mm, 23.04mm(H) x 23.04mm(V)
Sensitivity	18.16 DN/nJ/cm ²
S/N Ratio	> 42 dB
Dynamic Range	53 dB
Gamma/Knee	Fixed 0.45 or 256 Point LUT
Shutter Speed	1μsec - 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%, 12W
Dimensions	82mm (L) x 82mm (W) x 83.7mm (H)
Weight	520g (include F-Mount)
Image Control	PRNU, Auto & Man. Defect Pixel Correction
Special Function	Programmeable Exposure & Strobe Delay, ROI, 4 user Area for Calibration Storage

* All specifications subject to change without notice.

Connector

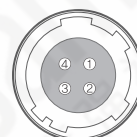
Power			
Pin No.	I/O	Signal Name	
1	DC	+12V	
2	DC	+12V	
3	DC	+12V	
4	GND	GROUND	
5	GND	GROUND	
6	GND	GROUND	

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

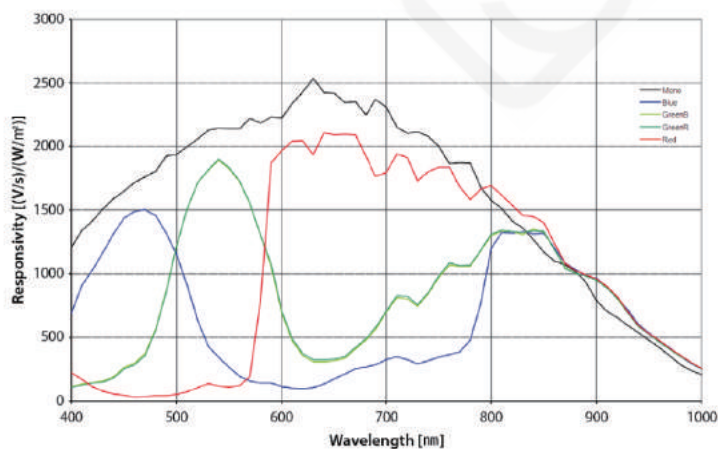


Control			
Pin No.	I/O	Signal Name	
1	INPUT	TRIGGER +	
2	INPUT	TRIGGER -	
3	GND	GROUND	
4	OUTPUT	STROBE OUTPUT	

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



Spectral Response



Dimensions

