

TDI+Sequence Strobe



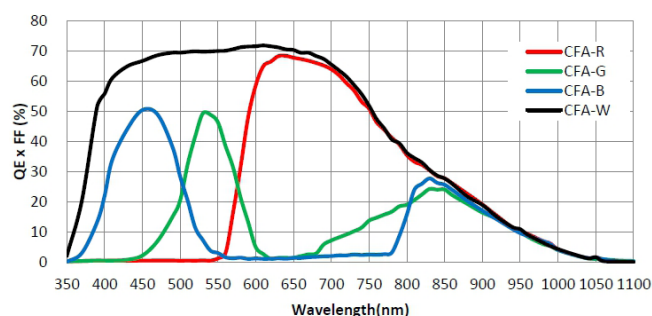
LEO 8KT4S-100cm

- 8K @100 KHz
- Adopts CameraLink interface to transmit data,support Sequence Strobe and TDI
- Supports four configuration modes: Base, Medium, Full and 80-bit
Compatible with CameraLink Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows

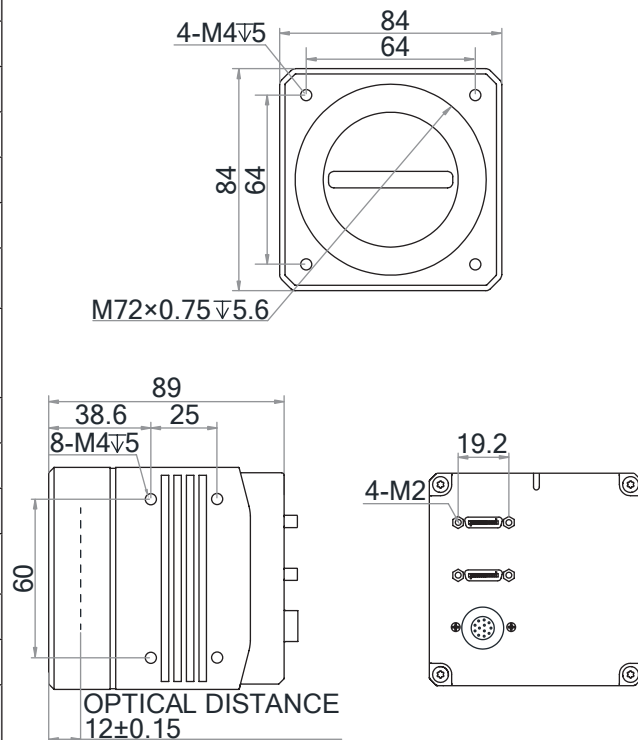
Applied range • Printing • Textile • Railway • Logistics • Metallurgy • Food • Pharmaceutical • Material sorting

Camera	LEO 8KT4S-100cm
Resolution [H*V]	8192 × 16
Sensor Type	CMOS
Pixel Size [μm]	5 × 5
Imaging Mode	Support Sequence Strobe Mode: 2/3/4 lights Support 1-line/2-TDI/4-TDI
Line Frequency [KHz]	No light or 1 light mode: 20kHz(Base),40kHz(Medium),81kHz(Full),100kHz(80-bit) 2 light mode: 10kHz(Base),20kHz(Medium),40kHz(Full),50 kHz(80-bit) 3 light mode: 6kHz(Base),13kHz(Medium),27kHz(Full),33 kHz(80-bit) 4 light mode: 5kHz(Base),10kHz(Medium),20kHz(Full),25kHz(80-bit)
Taps	2/4/8/10 Taps
Pixel Clock	40MHz, 66MHz, 80MHz, 85MHz
Exposure Time	3μs~10ms
Dynamic Range	57.8dB
Mono/Color	Mono
Image Format	Mono 8/10/12
Interface	CameraLink
Synchronization	Via hardware trigger、 software trigger or free run mode
Programmable Control [ISP]	Image resolution、 Exposure time、 Contrast ratio、 Gamma form、 Image rollovers、 Raw、 LUT、 Black level correction
Housing Size [l*w*h]	84.0 × 84.0 × 89 mm (900g)
Operating Temperature	-30~80 ° C (Storage), -20~60° C (Working)
Lenses Mount	M72*0.75, BFL 12 mm
Digital I/O	4 Bi-directional configurable I/O, supporting differential and single-ended IO signals; Camera Link provides IO
Power Input	DC 24V
Power Consumption	24V @22.9W
Driver	LEO Series Software Suite (iDatum) or Frame Grabber software meeting with CameraLink Protocol
Operating System	Windows
Conformity	CameraLink Vision,GenICam

Spectral Response



Dimensions



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