



LEO 16K



- 16K @50 KHz
- Adopts CameraLink interface to transmit data
- 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

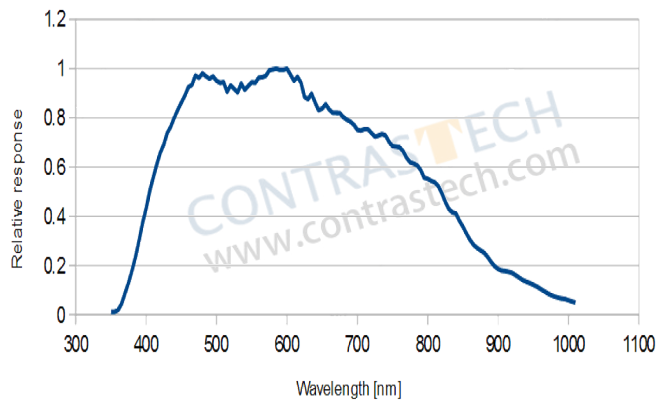
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	LEO 16K-50CM	LEO 16KT2-50CM	Supports 2TDI
Resolution [H*V]	16384 × 1	16384 × 2	
Sensor Type	CMOS		
Pixel Size [μm]	3.5		
Line Frequency [KHz]	10 kHz(Base), 20 kHz(Medium), 40 kHz(Full), 50 kHz(80-bit)	Full Resolution: 10 kHz(Base), 20 kHz(Medium), 40 kHz(Full), 50 kHz(80-bit) Binning(Full Resolution):71 kHz@1-Line, 60 kHz@2-TDI ROI(6820 resolution and below):120 kHz@1-Line, 60 kHz@2-TDI	
Taps	2/4/8/10 Taps		
Pixel Clock	40 MHz, 66 MHz, 80 MHz, 85 MHz		
Exposure Time	2μs~10s	3μs~10s	
Dynamic Range	64.7dB	56.7dB	
Mono/Color	Mono		
Image Format	Mono8/10/12		
Interface	CameraLink (SDR)		
Synchronization	Via hardware trigger、software trigger or free run mode		
Housing Size	76 × 76 × 42.1mm (320g)		
Operating Temperature	-30~80 ° C (Storage), 0~55° C (Working)		
Lenses Mount	M72*0.75, BFL 12 mm		
Digital I/O	Bi-directional configurable I/O x 4, supports differential and single-ended IO signals; Camera Link provides IO		
Power Input	DC 12-24V		
Power Consumption	12V @7.2W	12V @9.8W	
Driver	iDatum or Frame Grabber software meeting with CameraLink Protocol		
Operating System	Windows		
Conformity	Camera Link , GenICam		



No.8, Xiyuan 9th Road West Lake District, Hangzhou 310030 China
Tel: 86-571-89712238 Web: www.contrasttech.com
Email: market@contrasttech.com

Spectral Response



Dimensions

