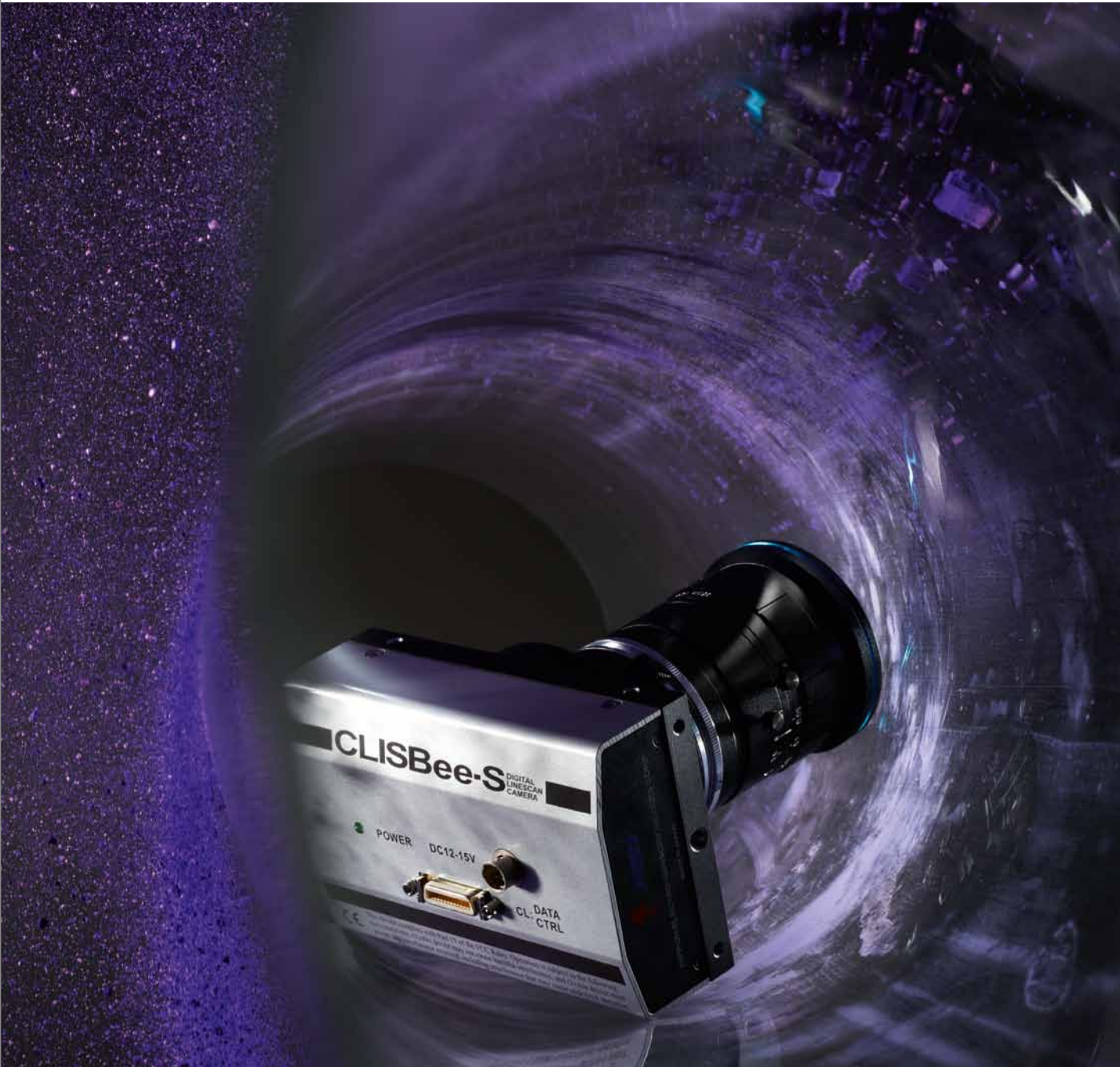


CLISBee-S

CMOS COLOR LINE SCAN CAMERAS



net 
NEW ELECTRONIC TECHNOLOGY

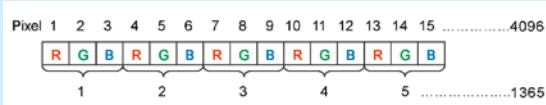
TECHNICAL DATA

CLISBee-S

CLISBee-S Line Scan Series

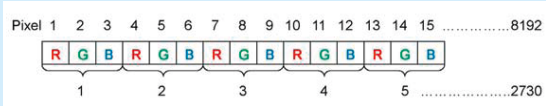
4K camera:

Color Line Scan Camera 1365 pixel x 3 RGB monoline pattern image sensor. CLISBee-S stands for a high quality generation of line scan cameras based on the latest CMOS technology. 4096 pixel in one line/1365 pixel for each color.

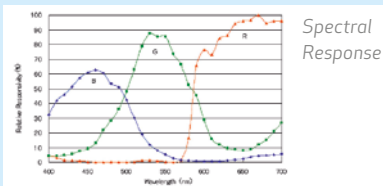


8K camera:

Color Line Scan Camera 2730 pixel x 3 RGB monoline pattern image sensor. CLISBee-S stands for a high quality generation of line scan cameras based on the latest CMOS technology. 8192 pixel in one line / 2730 pixel for each color.



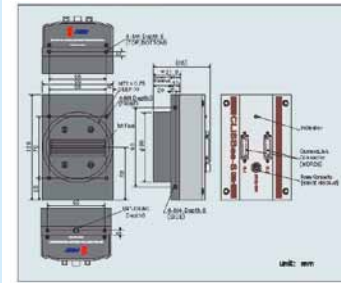
Combined with the Anti Blooming, Exposure Control and Flat Field Correction functions, the high degree of light sensitivity and the low level of pixel noise provided by the latest CMOS technology are the perfect prerequisites for your image processing needs. The frame grabber is supported by functions such as an OnBoard A/D converter. Gain/offset/video settings can be easily adjusted via a standard camera link.



APPLICATION

- WEB inspection
- Print inspection
- Parts inspection/sorting
- Surface inspection

4K/8K Camera RGB monoline



	XCM1340SAT	XCM2740SAT
No. of pixels	4096	8192
Pixel size [µm]	7 x 7	7 x 7
Sensor length [mm]	28	57,344
Color filter	R, G, B	R, G, B
Pixel number of each color	1365	2730
Spectral response	400 to 10.000 (peak: 670)	400 to 10.000 (peak: 670)
Data rate	120 MHz (40 x R, G, B)	120 MHz (40 x R, G, B)
Line scan rate	28 KHz	14 KHz
Sensitivity (V/(lx·s))	R: 18 to 200, G: 17 to 190, B: 12 to 134	
Analog gain x1 ~ x11,2	21 step	
Digital gain x1 ~ x2	512 step	
Offset adjustable range	-15/+15DN (16 step) 8 bit	
Video out	Camera link base configuration (24 bit)	
Master clock	40 MHz	
Connector	Hirose 4 pol	
Lens mount	M72 x 0.75	
Power supply/consumption	12 V to 15 V DC / 500 mA	
Dimensions W x H x D / weight	80 x 120 x 65 mm / 600 g	
Additional function	1. Pixel correction 2. Programmable exposure control 3. Multi-slope exposure control	

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