

CK-S600MI/CI-19RS

6MP 1/1.8" CMOS Gigabit Ethernet Industrial Area Scan Camera

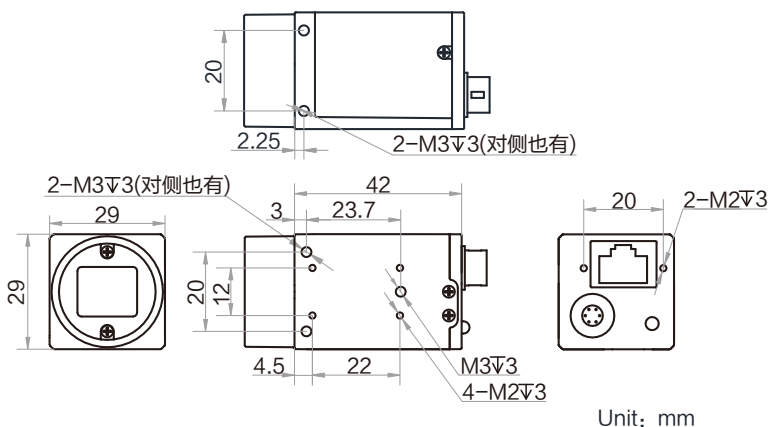
The CK-S600MI/CI-19RS second-generation industrial area scan camera adopts a new hardware platform to achieve lower power consumption, and is equipped with Sony's IMX178 CMOS chip, which has high dynamic range, good signal-to-noise ratio and excellent image quality. Image transmission via Gigabit Ethernet interface for fast real-time data transfer and frame rate up to 19.1 fps at full resolution.



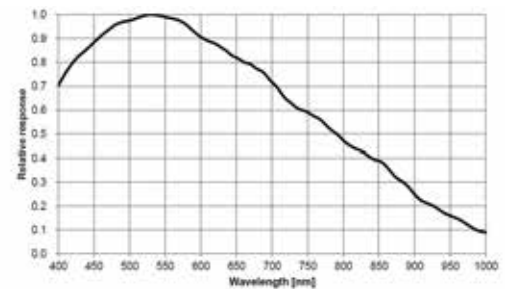
Features:

- New hardware platform, optimized logic resources, greatly reduced power consumption.
- Support automatic or manual adjustment of gain, exposure time, white balance, LUT, Gamma correction, etc.
- The camera is embedded with functions such as noise reduction and CCM, and the image quality is excellent.
- Gigabit Ethernet interface, the maximum transmission distance can reach 100m without relay.
- A new generation of appearance structure design, support four-sided installation.
- Compatible with GigE Vision V2.0 protocol and GeniCam standard, seamless connection with third-party software.

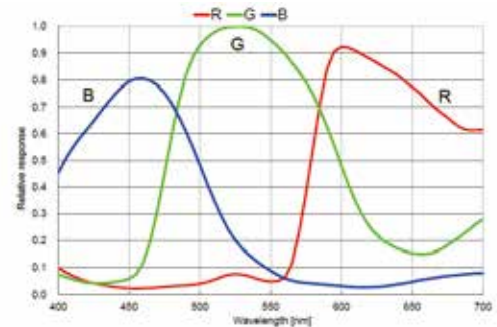
Dimensions:



Sensor:



CK-S600MI-19RS Quantum Efficiency



CK-S600CI-19RS Quantum Efficiency

Application industry:

Electronic semiconductor, factory automation, food and beverage, pharmaceutical packaging, etc.

Order model:

Black and white camera :
 CK-S600MI-19RS
 Color camera :
 CK-S600CI-19RS

Technical parameter

Model	CK-S600MI-19RS	CK-S600CI-19RS
parameter	6MP 1/1.8" CMOS Gigabit Ethernet Industrial Area Scan Camera	
Performance		
Sensor type	CMOS, global shutter	
Sensor model	Sony IMX178	
Cell size	2.4 μm × 2.4 μm	
Target size	1/1.8"	
Resolution	3072 × 2048	
Maximum frame rate	19.1 fps @3072 × 2048	
Dynamic Range	71.3 dB	
Signal to noise ratio	41.3 dB	
Increase, benefit	0 dB ~ 24 dB	
Exposure time	25 μs ~ 2.5 sec	
Shutter mode	Support automatic exposure, manual exposure, one-key exposure mode, support Global Reset and Trigger Rolling Function	
B&W	Black and white	Color
Pixel format	Mono 8/10/10Packed/12/12Packed	Mono 8/10/12 Bayer RG 8/10/10Packed/12/12Packed YUV422Packed, YUV422_YUYV_Packed RGB8, BGR8
Binning	Support 1 × 1, 2 × 2	
Downsampling	Support 1 × 1, 2 × 2, 4 × 4	
Mirror	Support horizontal mirror, vertical mirror output	
Electrical Characteristics		
Data interface	Gigabit Ethernet (1000Mbit/s) compatible with Fast Ethernet (100Mbit/s)	
Figure No I/O	The 6-pin P7 connector provides power and I/O: 1 optocoupler isolated input (Line0), 1 optocoupler isolated output (Line1), 1 bidirectional configurable non-isolated I/O (Line2)	
Powered by	9 ~ 24VDC, support PoE power supply	
Typical power consumption	2.4 W@12 VDC	2.5 W@12 VDC
Structure		
Lens mount	C-Mount	
Dimensions	29 mm × 29 mm × 42 mm	
Weight	About 100 g	
IP protection class	IP40 (when the lens and cable are installed correctly)	
Temperature	Working temperature -30°C ~ 60°C, storage temperature -30°C ~ 70°C	
Humidity	20%~95% RH non-condensing	
General Specifications		
Software	Supports GigE Vision protocol software	
Operating system	Windows XP/7/10 32/64bits, Linux 32/64 bits and MacOS 64bits	
Protocol/Standard	GigE Vision V2.0, GenICam	
Certification	CE, FCC, RoHS, KC	

