

5MP USB3.0 Industrial Digital Camera

Key Features



- compact and mini, strong and durable
- USB3.0 interface, cable locking device
- Support custom AOI, reduce resolution and increase frame rate.
- 2592 x 1944, 14fps, 5 million pixels
- "1/2.5" ON MT9P031 rolling screen exposing CMOS photosensitive chip, pixel size 2.2um * 2.2um
- Programmable setting of gain and exposure time
- Three ways of work: continuous acquisition / software acquisition / external trigger acquisition
- Support transfer data block tunable function, provide better compatibility and adaptability.
- Supporting the function of soft reset of equipment
- Support GEN<i>CAMTM and USB3 VISION VISION, which can directly connect HALCON, LabVIEW and other third-party software.
- Comply with CE and RoHs certification
- The driver has been optimized for 32bit/64bit Win7/Win8/Win10.
- 1 into 1 programmable GPIO

Overview

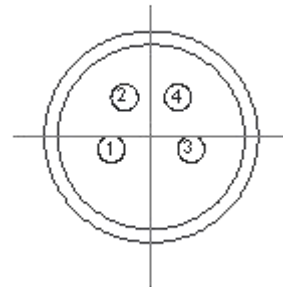
It uses CMOS photosensitive chip, compact and compact shape, integrated I/O (GPIO) interface, and provides cable locking device. It can work steadily in all kinds of bad environment and is a high reliability and cost-effective industrial digital camera product. The SV-U3 series digital camera supports 32/64 bit Windows operating system, compatible with GEN<i>CAMTM and USB3 VISION VISION, and can directly connect HALCON, LabVIEW and other three party software. This series of products have the characteristics of high resolution, high precision, high definition, low noise and so on. It is suitable for industrial testing, medical treatment, scientific research, education and security and other fields.

Technical parameters

Model	SV-CI500-14U3
Specifications	
Weight	65g
Size	36mm×36mm×50mm No lens interface and connector
Environmental Science	
working temperature	0℃~+50℃
Working humidity	10%~80%
Storage temperature	-20℃~+70℃
Electrical specifications	
Power supply interface	5VDC (powered by the USB3.0 interface)
I/O interface	With shielded industrial interface, 1 into 1 out
data interface	USB3.0, with fastening stud
power	<3W@5VDC
Optical specification	
Lens interface	C (standard) /CS (custom)
Sensor	Aptina 5MP MT9P031

I/O interface

Pin	signal	I/O type	Explain
1	Line1	input	External trigger input
2	Line2	output	Control output signal
3	Line3	GND	Camera ground
4	Line4	GND	Camera ground



Size(unit:mm)

