

hVI L Series Industrial Camera

Basic Parameters

Camera	
Image Formats	Mono8 ¹⁾ , Bayer8 ²⁾
Interface	GigE (1000Mbit/s)
Synchronicity	Via external trigger, software trigger or free running
Camera internal processing	External trigger for anti-shake function, hotspot fix, lookup table
Machinery / Electronics	
Dimensions	110mm x 60mm x 60mm (includes F mount)
Operating temperature	0°C~50°C
Lens mount	F mount
Flash Sync	Two photocoupler
External trigger	Two photocoupler
Power supply	12VDC(±10%) 12-pin Hirose connector
Weight	~415g
Software	
Driver	SDK or GigE Vision Standard
Operating system	Windows XP, Win7, 32bit & 64bit
Compatibility	GigE Vision, GenICam, GenTL



Features:

- High resolution: 16 million pixels and 70 million pixels
- Large Pixel Size
- High Frame Rate
- GigE Vision (1000Mbit/s)

Applications:

- LCD inspection
- Precision measurement for large dimension
- Semiconductors & components inspection
- Scientific research
- Medicine & life science

Note : 1) only for mono models ; 2)only for color models

Specification

Model	Type	Resolution	Sensor Size	Pixel Size μm	Frame Rate Fps ¹⁾	Bit depth	Shutter	Color	Power Consumption
hVI-L-1601DC/M	CCD	4896 x 3264	APS-H	5.50	6.5	8	global	Mono / Color	6w
hVI-L-1602DC/M	CCD	4896 x 3264	APS-H	5.50	5.1	8	global	Mono / Color	6w
hVI-L-2901DC/M	CCD	6576 x 4384	35mm	5.50	3.9	8	global	Mono / Color	6w
hVI-L-2902DC/M	CCD	6576 x 4384	35mm	5.50	2.5	8	global	Mono / Color	6w
hVI-L-4301SM	CMOS	7915 x 5436	APS-H	2.8 x 2.8	2.5	8	global	Mono	6w
hVI-L-7001SC/M	CMOS	10000 x 7000	35mm	3.1 x 3.1	1.5	8	rolling	Mono / Color	7.2w

Installation

