

## VLG-24M

Gigabit Ethernet, 2,3 Megapixel, Monochrome

Article number: 11143091

### Overview

- 1920 × 1200 px
- Sony IMX249
- 1/1.2" CMOS
- 38 fps
- Gigabit Ethernet



GEN*i*CAM



### Technical data

#### Sensor information

Sensor	Sony IMX249 Gen1
Mono/Color	Mono
Sensor type	1/1.2" CMOS
Shutter type	Global shutter
Resolution	1920 × 1200 px
Pixel size	5.86 × 5.86 µm
Exposure time	0.045 ... 60000 ms

#### Acquisition formats

Image formats, interface	Full Frame, 1920 × 1200 px, max. 38 fps frame rate max.
Pixel formats	Mono8 Mono12 Mono12 Packed

#### Image preprocessing

Analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
Color models	Mono

#### Camera features

Synchronization	free running trigger
Trigger sources	Hardware Software ActionCommand
Trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
Sequencer	Automated control for series of images using different sets of parameters

#### Camera features

Sequencer parameter	Exposure time gain factor output line ROI Offset x ROI Offset y
Digital inputs	1 input line
Digital outputs	3 output lines
Internal image buffer	120 MB

#### Interfaces and connectors

Data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer Rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
Process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
Power supply	SACC-DSI-M 8MS-6CON-L180 SH

#### Mechanical data

Lens mount	C-mount
Width	33 mm
Height	33 mm
Depth	48 mm
Weight	≤ 125 g
Material	camera support: aluminum case and back plane: zinc die casting, nickel-plated, IP 40

#### Electrical data

Voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
--------------------------	--

## VLG-24M

Gigabit Ethernet, 2,3 Megapixel, Monochrome

Article number: 11143091

### Technical data

#### Electrical data

Power consumption	approx. 3,5 W @ 12 VDC und 38,5 fps approx. 3,8 W @ 48 VDC (PoE) and 38,5 fps
-------------------	--

#### Non-volatile memory

Flash memory size	128 kB
-------------------	--------

#### Environmental conditions

Operating temperature	+5 ... +50 °C
Humidity	10 ... 90 % (non-condensing)

#### Environmental conditions

Protection class	IP 40
------------------	-------

#### Digital I/Os

Lines	1 input line 3 output lines
-------	--------------------------------

#### Conformity

Conformity	CE RoHS
------------	------------

### Dimension drawing

