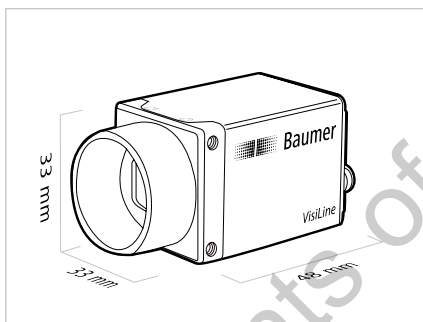


# VLG-22C

## Facts and Data



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### Digital Matrix Camera, Gigabit Ethernet

#### Sensor Information

Model Name	CMOSIS CMV-2000
Type	2/3" progressive scan CMOS
Native Resolution	2044 × 1084 pixels
Exposure Time	15 µsec ... 1 sec

#### Acquisition Formats

Image Formats	Full Frame	2044 × 1084 pixels	max. 55 fps
Pixel Formats	Mono8, BayerRG8, BayerRG12, RGB8 Packed, BGR8 Packed, YUV411 Packed, YUV422 Packed, YUV444 Packed		
Partial Scan	True Partial Scan, Region of Interest (ROI) arbitrary		

#### Image Pre-processing

Analog Controls	Gain (0 ... 18 dB), Offset (0 ... 255 LSB   12 bit)
Color Models	RGB, YUV, Mono

#### Camera Features

Internal Buffer	120 MB (max. 15 images)
Synchronization	Free running, Trigger
Trigger Sources	Hardware, Software, ActionCommand, All or Off
Trigger Delay	0 ... 2 sec, Tracking and buffering of up to 512 triggers
Sequencer	Automated control for series of images using different sets of parameters
Sequencer Characteristics	up to 128 sets of parameters, up to 65536 loop passes, up to 65536 repetitions of sets of parameters, up to 65536 images per trigger event
Sequencer Parameters	Exposure Time, Gain Factor, Output Line, ROI Offset x, ROI Offset y
Digital I/Os	1 input line, 3 output lines

#### Interfaces and Connectors

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

#### Mechanical Data

Housing	Aluminium, IP40
Lens Mount	C-Mount
Dimensions	33 x 33 x 48 mm
Weight	ca. 90 g

#### Electrical Data

Power Supply	12 ... 24 V DC (external Power Supply) 36 ... 57 V DC (Power over Ethernet)
Power Consumption	approx. 3.5 Watts @ 12 V DC and 55.0 fps approx. 3.8 Watts @ 48 V DC (PoE) and 55.0 fps

#### Environmental Data

Operating Temperature	+5 °C ... +50 °C (+41 °F ... +121 °F)
Humidity	10% ... 90% non condensing