

# Cube GigE

## Cube6MGE-FGM8



### General

Model:	Cube6MGE-FGM8
Product code:	F006117
Product series:	Cube GigE
Status:	Available

### Sensor

Sensor type:	Area scan
Chroma:	Mono
Spectrum:	Visible
Spectral range:	400 nm to 1000 nm
Resolution:	1,280 × 1,024 (1.30 MP)
Sensor model:	ON Semiconductor LUPA1300-2
Sensor architecture (material):	cmos
Shutter type(s):	global-shutter
Sensor size:	17.92 × 14.34 mm (22.95 mm, 4/3)
Pixel size:	14.00 μm × 14.00 μm

### Pixel formats

Sensor bit depth:	8-Bit
Monochrome pixel formats:	mono8

## Timing and gain

Max. frame rate:	506
Max. frame rate ROI modes:	1280 x 1024   506 fps, 1280 x 720   719 fps, 1280 x 512   1009 fps, 640 x 480   1870 fps, 512 x 512   2033 fps, 320 x 240   5673 fps, 128 x 100   18612128 fps, 10 x 79536   fps,
Exposure time:	2 $\mu$ s to 1 s
Gain:	0.0 dB to 12.0 dB

## I/Os and power

Non-isolated lines:	0 x LVDS input, 0 x LVDS output, 1 x TTL input, 1 x TTL output, 0 x 24V input, 0 x Open drain output,
Specific non-isolated lines:	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
Opto-isolated lines:	4 x Optical isolated input, 0 x Optical isolated input,
Power supply:	10.5 to 30VDC
Power consumption:	External: 15 W (typical)

## Mechanical properties

Body dimensions (L x W x H in mm):	119 x 69 x 93
IP class:	IP30
Lens mount(s):	FG-Mount
Weight:	960 g

## Interfaces

Digital interface:	gige
Interface connector:	(RJ-45)

## FW features - image control

Gain modes:	Digital, Analog
White balance modes:	true
Image control features:	FW Features - Image Control

## FW features - camera control

Trigger modes/sync:	Manual, External analog Voltage, External TTL, Acc
---------------------	----------------------------------------------------