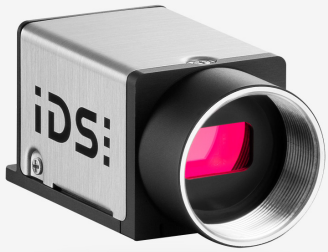
UI-5360CP-C-HQ (AB00477)

Discontinued
The model has been discontinued.



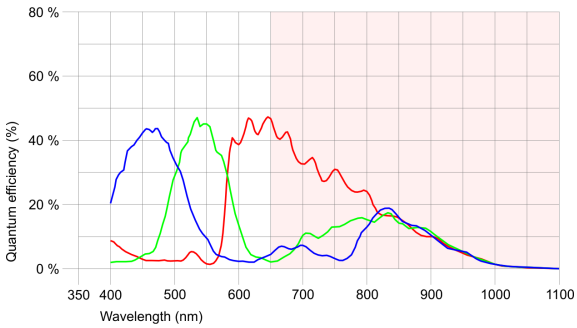


uEye industrial cameras now also work with IDS peak! We recommend the Software Development Kit for the implementation of new projects. Learn about the process here and switch now.
Please note: The technical data given here was measured using the IDS Software Suite.

Specification

Sensor

Sensor type	CMOS Color
Shutter	Global Shutter
Sensor characteristic	Linear
Readout mode	Progressive scan
Pixel Class	2 MP
Resolution	2.23 Mpix
Resolution (h x v)	2048 x 1088 Pixel
Aspect ratio	17:9
ADC	12 bit
Color depth (camera)	12 bit
Optical sensor class	2/3""
Optical Size	11.264 mm x 5.984 mm
Optical sensor diagonal	12.75 mm (1/1.25")
Pixel size	5.5 µm
Manufacturer	ams/CMOSIS
Sensor Model	CMV2000-3E5C
Gain (master/RGB)	4x/4x
AOI horizontal	same frame rate
AOI vertical	increased frame rate
AOI image width / step width	16 / 4
AOI image height / step width	4 / 2
AOI position grid (horizontal/vertical)	2 / 2
Binning horizontal	-
Binning vertical	-
Binning method	-
Binning factor	-
Subsampling horizontal	same frame rate
Subsampling vertical	same frame rate
Subsampling method	M/C automatic
Subsampling factor	2, 4, 6, 8



Subject to technical modifications (2024-03-29)

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Model

Pixel clock range	38 MHz - 84 MHz
Frame rate freerun mode	36
Frame rate trigger (maximum)	36
Exposure time (minimum - maximum)	0.040 ms - 500 ms
Power consumption	1.8 W - 2.6 W
Image memory	60 MB
Special features	Overlap trigger, Dual exposure, Sensor source gain, Multi-AOI

Ambient conditions

The temperature values given below refer to the outer device temperature of the camera housing.

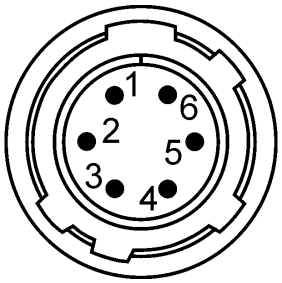
Device temperature during operation	0 °C - 55 °C / 32 °F - 131 °F
Device temperature during storage	-20 °C - 60 °C / -4 °F - 140 °F
Humidity (relative, non-condensing)	20 % - 80 %

Connectors

Interface connector	GigE RJ45, screwable
I/O connector	6-pin Hirose connector (HR10A-7R-6PB)
Power supply	12 V - 24 V or PoE

Pin assignment I/O connector

1	Ground (GND)
2	Power supply (VCC) 12-24 V
3	Trigger input with optocoupler (-)
4	Trigger input with optocoupler (+)
5	Flash output with optocoupler (+)
6	Flash output with optocoupler (-)



Camera rear view

Design

Lens Mount	C-Mount
IP code	IP30
Dimensions H/W/L	29.0 mm x 29.0 mm x 40.5 mm
Mass	61 g

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