

uEye UVC XC Starter-Set (1009537)

In series

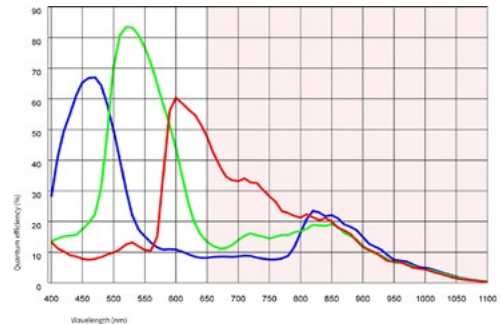
The model is in series and available for the long term.



Specification

Sensor

Sensor type	CMOS Color
Manufacturer	Onsemi
Resolution (h x v)	4200 x 3120 Pixel
Pixel Class	13 MP
Optical sensor class	1/3.2"
Sensor Model	AR1335CSSC32SMD20
Pixel size	1.1 μm
Optical Size	4.620 mm x 3.432 mm)
Optical sensor diagonal	5.76 mm (1/2.78")



Model

Power consumption	1.3 W - 2.1 W
-------------------	---------------

Ambient conditions

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

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

Connectors

Interface connector	USB 3.0 micro-B, screwable
I/O connector	-
Power supply	USB cable

Design

Interface	USB 3
Lens Mount	-
IP code	IP30
Dimensions H/W/L	60.9 mm x 31.9 mm x 19.0 mm
Mass	129 g
Power supply	USB cable

Integrated optics

Focal length	3.81 mm \pm 3 %
Angle of view (at 600 mm working distance)	Horizontal: 62.2° \pm 2° Vertical: 48.2° \pm 2° Diagonal: 73.8° \pm 2°
Aperture (F)	1:2.2 \pm 5 %
Focus range	100 mm ~ infinity

Streaming modes

Codec	Resolution	Frame rate (fps)
YUV	1920x1080	30
YUV	1600x1200	30
YUV	1280x720	30
YUV	1280x960	30
YUV	1024x768	30
YUV	800x600	30

UVC features

	Minimum	Maximum	Default
Brightness			
Contrast			
Hue			
Saturation			
Sharpness			
Gamma			
Whitebalance			automatic
Gain			automatic
Denoise			
Exposure time			automatic
Frequency			
Autofocus			automatic
Backlight compensation			