



StarVis-UVC HD Micro-Cam

Preliminary Information

Key features:

- Low-power, full HD micro-cam with USB-2-UVC interface.
- 1920x1080 pixel resolution at up to 30fps
- Supports MJPEG and H.264 compression
- Sony StarVis sensor for excellent low-light performance.
- Programable on screen display.
- M12 pinhole lens. Other lenses available.
- Low power consumption, from 300mW @ 480p/10 to 800mW @ 1080p/30.



Micro SD card shown for size comparison only.



Cable can exit horizontally or vertically

USB-UVC HD micro-Cam with Sony StarVis Low-Light Sensor

Designed using Sony's latest StarVis sensor technology, the StarVis-UVC micro-Cam offers outstanding clarity coupled with excellent low-light performance. The camera supports resolutions up to full HD (1080p) at frame rates from 10 to 30 fps.

The M12 lens mount provides excellent flexibility. A pinhole lens included as standard along with a selection of optional mega-pixel lenses with various focal lengths. Mounting brackets are also included for ease of installation.

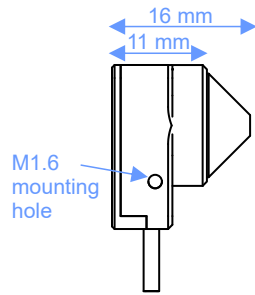
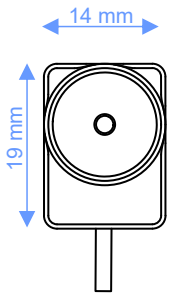
Key Specifications:

Interface:	USB 2.0 UVC V1.1
Sensor:	Sony StarVis IMX290LQR.
Sensor size:	1/2.8", 2 megapixel.
Sensor resolution:	1920x1080 pixels.
Output modes:	MJPEG or H.264 at 1080p, 720p, 640x480, 640x360.
Output fps:	30,25,20,15,10.
Low-light:	better than 0.01 Lux.
Lens mount:	M12. 4.3 mm pinhole lens included.
IR cut filter:	included within lenses.
Shutter:	rolling shutter.
DC power in:	5 V.
Consumption:	~ 800mW at 1080p30 to ~ 300mW at 640x480p10
Connector:	i-Conex UVC or USB-C.
Cable:	1.6 mmm, flexible & light weight.
Temperature range:	-20 to +60°C
Size (height, width):	19x14x16 mm (inc lens).
Mount:	2 x M1.6 threaded holes. Mounting brackets included.

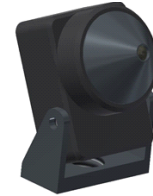




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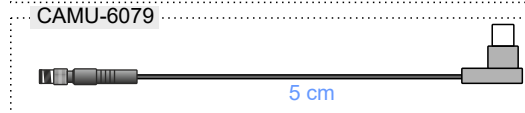
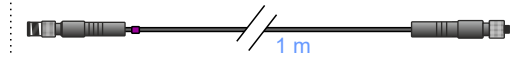
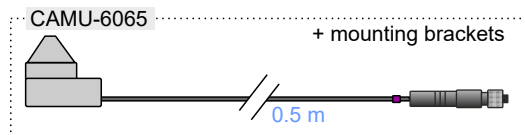
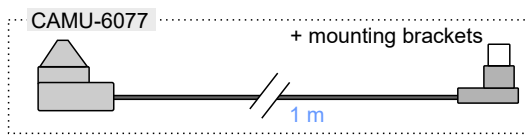
Mounting clip



Swivel mount



1080p (1920x1080 pixel) screen-shot with M12 4.3mm pinhole lens.
Chart is 2.5 metres (8 ft) away.



Part numbers:

- CAMU-6065: StarVis USB-UVC HD micro-camera with 4.3mm pinhole lens and mounting brackets with i-Conex-UVC connector & 1m extension.
- CAMU-6077: StarVis USB-UVC HD micro-camera with 4.3mm pinhole lens and mounting brackets, 1 metre lead with USB-C connector.
- CAMU-6079: I-Conex-UVC to USB-C adaptor cable.

Please note: Ovation Systems reserves the right to change specifications without notice. E&OE



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