



SONY XCU USB3.0 CAMERAS

Black and white or colour

XCU-CG160C
SONY USB3.0, 1.6MP, COLOUR, 100 FPS

- IMX273 1.6MP (1456 x 1088)
- Pregius GSCMOS sensor
- 100fps
- Compact size



Product description

The XCU-CG160C (colour) and XCU-CG160 (black and white) combines the best of Sony technology in a convenient form factor which is optimised for use within both the Industrial Vision and non-manufacturing vision markets. These cameras draws upon Sony's market leading Global Shutter CMOS sensor technology, combining the IMX273 1.6MP sensor with SXGA resolution with a rich heritage of complete camera technology, bringing the best combination of performance and quality from a brand you can trust.

They incorporate the latest Pregius GSCMOS sensor providing the best combination of resolution and frameframe tailored for use in production and inspection environments where USB3.0 Vision is the preferred architecture.

This provides a simple migration path from CCD to GSCMOS without necessarily having to upgrade or change architecture. The IMX273 shares comparable sensor and pixel size characteristics with the well regarded Sony ICX445, but offers huge technological improvements in sensitivity, dynamic range, noise reduction and frame rate capability.

With a resolution of 1456 (H) x 1088 (V) (effective pixels) with a frame rate of over 100fps and supports USB3.0 Vision 1.0.1 interface.

Specifications

Camera model	Sony
Dimension (mm)	29(W) x 29(H) x 30(D)
Frame Rate Max	100
Gain	18
Height	29
Interface	USB3.0
Length	30
Lens Barrel	C-mount
Light My	12
Mono/Color	Color
Power Consumption	3.5

Resolution	1.6MP
Resolution Max	1456 (H) x 1088 (V)
Sensor model	IMX273
Sensor size	1/2.9"
Sensor type	CMOS
Shutter type	Global
Supply Voltage	12
Temperature range from	-5
Temperature range to	45
User interface	USB 3.0
Weight	50
Width	29