

SONY XCU USB3.0 CAMERAS

Black and white or colour

XCU-CG160
SONY USB3.0, 1.6MP, MONO, 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.

TECHNICAL DATA

| | |
|-------------------|-----------------------|
| Camera model | Sony |
| Dimension (mm) | 29(W) x 29(H) x 30(D) |
| Enter | 18 |
| Frame rate max | 100 fps |
| Interface | USB3.0 |
| Length | 30 mm |
| Lens barrel | C-mount |
| Light min | 0.5 lx |
| Mono/color | Mono |
| Power consumption | 3.5 W |
| Resolution max | 1456 (H) x 1088 (V) |
| Sensor model | IMX273 |

| | |
|------------------------------------|--------|
| Sensor size | 1/2.9" |
| Sensor Type | CMOS |
| Shutter type | Global |
| Temperature operational max | 45 °C |
| Temperature operational min | -5 °C |
| Weight | 50 g |