OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

SONY POLARIZED CAMERA

XCG-CP510

XCG-CP510



- Polarised 5.1MP sensor
- Total solution with XCG-CP510 and special SDK
- IMX250MZR sensor
- 23 fps

PRODUCT DESCRIPTION

The XCG-CP510 combines the best Sony machine vision technology with on sensor polarisation in a convenient form factor for Industrial and non-manufacturing vision markets. Incorporating our innovative and ground-breaking new IMX250MZR global shutter CMOS sensor, which uses monochrome quad polarised filters to capture polarised light in four planes.

The camera draws upon Sony's market leading high sensitive Pregius Global Shutter CMOS sensor technology and high quality camera-making capability, thus the XCG-CP510 provides the best combination of performance and quality from a brand you can trust.

The XCG-CP510 has a resolution of 2448 (H) x 2048 (V) with a frame rate of 23 fps and supports GigE Vision 1.2 / 2.0 with a one cable PoE capability.

The XCG-CP510 will be made available together with an exclusive Sony-developed polarised camera SDK which will enable fast and simplified development of polarised-light applications for the camera and your solution demands.

The XCG-CP510 and SDK will therefore be well suited to deployment in significantly improving visibility and detection in a number of manufacturing and security/ITS applications including stress measurement & detection; scratch detection; object detection, removal and enhancement.

TECHNICAL DATA

Approvals	GigE Vision
Camera model	Sony
Dimension (mm)	29(W) x 29(H) x 42(D)
Enter	18
Frame rate max	23 fps
Interface	GigE
Lens barrel	C-mount
Light min	15 lx
Mono/color	Mono
Resolution max	2448 x 2048
Sensor model	IMX250MZR

Sensor size	2/3"
Sensor Type	CMOS
Shutter type	Global
Temperature operational max	45 °C
Temperature operational min	-5 °C
Weight	65 g