BASLER BOOST COAXPRESS CAMERAS

High Speed CXP Camera

BOA6500-36CC
Boost CoaXPress Camera, XGS32000 APS-C" CMOS, 35fps, 32.4 MP, Colour

- Excellent image quality with Sony Pregius sensors
- CoaXPress interface (12.5 Gbps transfer rate)
- C-mount, 42mm and F-mount lens options
- Frame rates up to 93fps

Product description

The Basler Boost series of CoaXPress 2.0 (CXP-12) cameras offer excellent image quality even at high data rates (up to 12.5 Gbps per cable), with high resolution and high performance. Equipped with Sony Pregius sensors or XGS series sensors from ON Semiconductor, the Boost range can achieve outstanding image quality with up to 45 megapixels and state-of-the-art global shutter technology.

The Boost CoaXPress 2.0 range is ideal for applications where high data rates and resolutions are important and where the image data must cover greater distance. For example, applications in the semiconductor and solar industry, display inspection, print inspection, food inspection and medical technology.

A range of adaptor plates are available, allowing the Boost camera to be used with M42x0.75, M42x1.0, C-mount or F-mount lenses.

Specifications

Approvals	RoHS, CE, GenICam, UL, EAC
Digital Inputs	1
Frame Rate Max	35
Height	80
Interface	CoaXPress 2.0
Length	49.1

Lens Barrel	F-mount, M42x0.75, M42x1
Mono/Color	Color
Operating temperature	0°C … 50°C
Pixel size	3.2 x 3.2
Power Consumption	9.6
Resolution	32.4 MP
Resolution Max	6580 x 4935 px
Sensor model	XGS 32000
Sensor size	APS-C"
Sensor supplier	ON Semiconductor
Sensor type	CMOS
Shutter type	Global
Weight	525
Width	80