

## BASLER BOOST COAXPRESS CAMERAS

### High Speed CXP Camera

BOA8100-16CM

Boost CoaXPress Camera, XGS45000 35mm" CMOS, 15fps, 44.7 MP, Mono

- 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

<b>Approvals</b>	RoHS, CE, GenICam, UL, EAC
<b>Digital Inputs</b>	1
<b>Frame Rate Max</b>	15
<b>Height</b>	80
<b>Interface</b>	CoaXPress 2.0
<b>Length</b>	49.1

<b>Lens Barrel</b>	F-mount, M42x0.75, M42x1
<b>Mono/Color</b>	Mono
<b>Operating temperature</b>	0°C ... 50°C
<b>Pixel size</b>	3.2 x 3.2
<b>Power Consumption</b>	9.6
<b>Resolution</b>	44.7 MP
<b>Resolution Max</b>	8192 x 5460 px
<b>Sensor model</b>	XGS 45000
<b>Sensor size</b>	35 mm
<b>Sensor supplier</b>	ON Semiconductor
<b>Sensor type</b>	CMOS
<b>Shutter type</b>	Global
<b>Weight</b>	525
<b>Width</b>	80