OEM AUTOMATIC

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BASLER ACE 2 GMSL CAMERAS

A2A5320-29MGC
Basler GMSL camera 16.1MP IMX542 [109737]

- High-speed GMSL2 performance over coaxial cable (Up to 6 Gbit/s)
- Precise, jitter-free image capture
- Basler Quality

PRODUCT DESCRIPTION

Basler GMSL cameras are compact industrial cameras designed for cost-efficient integration and reliable long-term operation. Featuring an embedded GMSL2 interface, they enable high-speed image data transmission of up to 6 Gbit/s over coaxial cable, making them ideal for modern machine vision systems.
Onboard processing and intelligent bandwidth management ensure optimal use of the interface, while precise sensor control within the camera delivers accurate exposure timing and jitter-free triggering. Full GenICam compatibility allows cameras to be easily combined or replaced, providing maximum system flexibility.
Available with global or rolling shutter sensors, Basler GMSL cameras support resolutions of up to 24.4 MP at frame rates of up to 170 fps. A robust FAKRA connector ensures secure and reliable coaxial cable connections, even in demanding industrial environments.

TECHNICAL DATA

3612_Pixel size (µm)	2.74 x 2.74
Camera interface	GMSL 2
Camera model	Basler Ace 2
Certificate	CE
Colour	Color
Frame rate max	29 fps
Height	52.4 mm
IP class	IP30
Length	29 mm
Lens Barrel	C-Mount
Operating temperature	-10°C … 60°C
Power consumption	4.3 W
Resolution	16.1MP
Sensor	IMX542
Sensor size	1.1
Sensor supplier	Sony
Shutter type	Global

Weight	85 g
Width	29 mm