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INDUSTRIAL A.I. SOLUTIONS

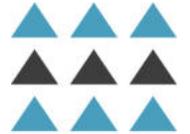
GMSL CAM-D3

DOCUMENT VERSION 1.0.0



SKU: RB_D3-234

ABOUT GMSL CAM

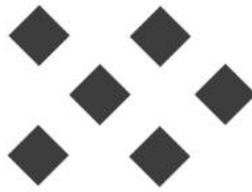


The GMSL-CAM D3 AR0234 Medium FOV is a high-performance camera designed for use in automotive and robotic systems, particularly in autonomous vehicle applications.

It features the ON Semiconductor AR0234 image sensor with a resolution of 2.3 MP (1920 × 1200 px), offering excellent image quality with a medium field of view. Thanks to its global shutter and high light sensitivity, it captures fast-moving scenes with minimal distortion, even under challenging lighting conditions.

The camera supports key features such as LED flicker mitigation and operates reliably in extreme environments from -40°C to +85°C. With GMSL2 connectivity and compliance with automotive-grade standards like AEC-Q100 (Grade 2), it is engineered for robust, real-world deployment.

Combining image clarity, durability, and automotive-grade reliability, the GMSL-CAM D3 AR0234 Medium FOV is an ideal choice for vision-based perception in autonomous mobility and robotic applications.



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SPEZIFIKATIONS

ELEKTRICAL SPECIFICATIONS

Power Supply Method	Power Over Coax
DC voltage input	12V
Power consumption	ca. 4.6W

ENVIRONMENTAL SPECIFICATIONS:

Temperature range	-40°C bis 85°C
IP Protecting	IP69K

INTERFACES & CONNECTORS

GMSL Konnector	FAKRA Z code
Output Interface	GMSL2, up tp 6Gbps

LENS SPECIFICATIONS

Focal Length	2,80mm
Shutter	Global
Resolution	1920 x 1080 (HD) @ 60FPS
Color Mode	Color (RGB)



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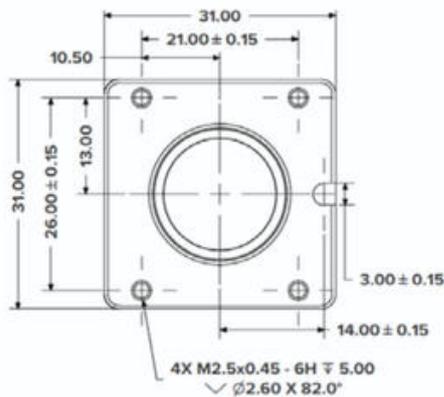
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SPEZIFIKATIONS

TECHNICAL SPECIFICATIONS

Dimensions	31mm x 31mm x 45,5mm
Weight	80g

FRONTSIDE



TOPSIDE

