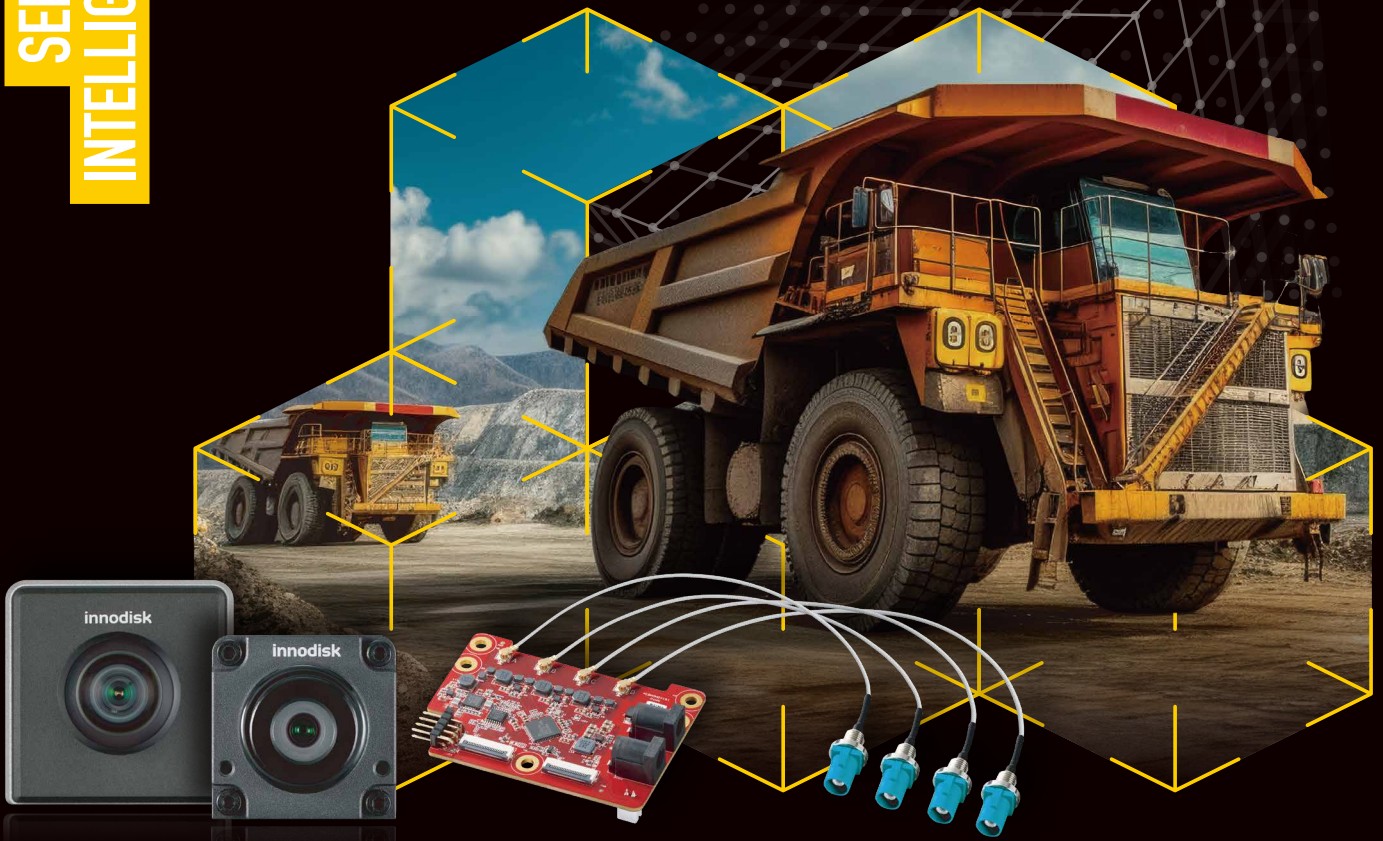


innodisk

SENSING  
INTELLIGENCE



**LONG-DISTANCE, LOW-LATENCY, STRESS-FREE INTEGRATION**

## **GMSL2 CAMERA AND CAPTURE CARD**

High-performance vision is critical for modern robotics and mobility systems, where speed, distance, and reliability directly impact operational accuracy. Innodisk's **GMSL2™ Camera Modules** deliver low-latency, high-bandwidth image transmission over extended distances, enabling stable and precise imaging even in demanding environments. The **Capture Card** supports diverse platforms and system architectures, simplifying camera integration and deployment for scalable configurations. Built for industrial-grade reliability, it empowers real-time visual processing for automation, transportation, and edge AI applications.



Reliability

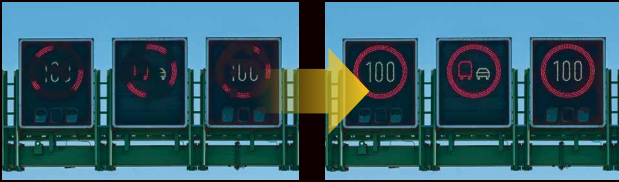


Camera Design Service



Stress-free Integration

# KEY FEATURES



## HDR / LFM for clear, stable imaging

Capture high-dynamic-range images under challenging lighting conditions, and deliver accurate, reliable data by suppressing LED flicker.



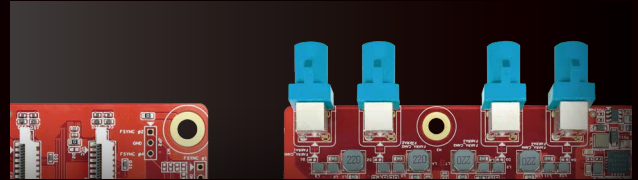
## IP69K / IP67 protection

Designed to withstand dust, water, and harsh operating conditions in industrial and outdoor deployments.

Up to  
**13MP** resolution

## Up to 13MP resolution

Provides high-resolution imaging for precise object detection and detailed visual analysis.



## Customizable capture card for stress-free integration

Simplifies platform compatibility and system bring-up with flexible board design and driver support, reducing development effort and time to deployment.

# OUR GMSL2™ CAMERA LINEUP

## GMSL2™ Series

Model	Resolution	Frame Rate	Feature
EV2F-OOM3-RHCF	2MP	30FPS	HDR, IP67
EV3F-ZSM1-RXCF	3MP	60FPS	HDR, LFM, IP69K
EVDF-OOM1-RHCF	13MP	20FPS	HDR, IP67

## Capture Card

Model	Module Type	Camera I/F	Camera I/F Port
EB022-2M4F	MIPI CSI-2 22-pin x2 to GMSL2 IPEX FAKRA Z x4 Capture Card	GMSL2	4
EB120-1S4F	SAMTEC 120-pin x1 to GMSL2 FAKRA Z x4 Capture Card	GMSL2	4
EB120-1S4M	SAMTEC 120-pin x1 to MIPI CSI-2 22-pin x4 Capture Card	MIPI CSI-2 22-pin	4

# WHERE GMSL2™ VISION MAKES AN IMPACT



Heavy Machinery



Mobility Fleet



Robotics



Autonomous Mobile Robot (AMR)



Automated Guided Vehicle (AGV)