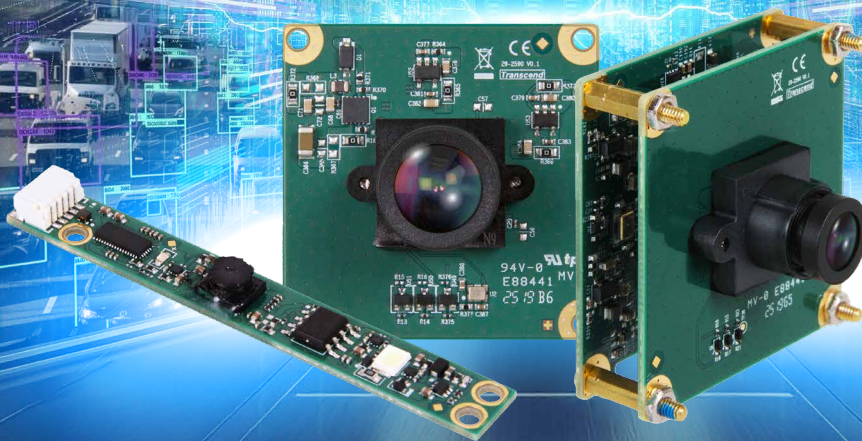


# Transcend Embedded Camera Modules: Accelerate AI Vision Deployment

As AIoT adoption accelerates, reliable and high-quality imaging has become essential for intelligent systems. Transcend introduces a comprehensive lineup of embedded camera modules supporting GMSL2, MIPI CSI-2, and USB interfaces, delivering flexible integration with high-resolution imaging and advanced low-light performance. Designed for compatibility with leading AI platforms, these solutions enable developers and system integrators to efficiently deploy AI vision across diverse applications while optimizing performance, power consumption, and development time.



## Broad Compatibility

Supports mainstream AI platforms including NVIDIA Jetson Orin Nano/NX, AGX Orin, and Raspberry Pi 5.

## Image Optimization

Selected models feature an integrated ISP (Image Signal Processor) to ensure consistent image quality in varying lighting conditions.

## Flexible Customization

Tailored design and integration support to meet specific project requirements—helping accelerate time-to-market and maximize application performance.

## Featured Products

2MP / MIPI CSI-2



ECM100M22

5MP / MIPI CSI-2



ECM300M22

5MP / GMSL2



ECM300G2F

2MP / USB 2.0



ECM100U2C

5MP / USB 2.0



ECM310U2M



Contact Us



More product information