

DIGITAL SIDE MIRROR CAMERA SYSTEM

Smart visibility, simplified — HD side-view for compact vehicles

A compact side-mirror camera solution providing reliable **HD-quality (analog) video** to **5–7"** in-vehicle monitors. Designed for smaller vehicles, the system delivers **clear day/night visibility**, **easy installation**, and **low-power operation** while keeping integration and cost simple compared to **fully digital DSMCS** variants.

Key Features

- **5–7" in-vehicle monitors** optimized for side-view display.
- **Analog HD video feed (HD-ready, e.g. 720p class quality)** over automotive-grade analog transmission.
- **Two-camera support (left + right)** typical; scalable to single-camera variants.
- **Day/night capability** with **low-light performance** and optional **IR illumination**.
- Compact harness for simple installation and **LHD/RHD mounting options**.
- **Low-power design** is suitable for small vehicles.
- Robust operation across **automotive temperature, vibration** and **humidity ranges**.
- **EMC-compliant** electronics and **IP-rated** external camera housing.
- **Automated alignment aid** (software-assisted) for installer calibration.
- **Cost-optimized architecture** for easier production and retrofit.

TECHNICAL DETAILS

- Monitor Resolution:** 720x1280
- Camera Video Format:** AHD
- Camera Supply Voltage:** 12V
- Camera IP Code:** IP67
- Camera Resolution:** 1.3 MP
- Operation Temperature Range:** -40°C to +85°C
- Safety:** ASIL QM

