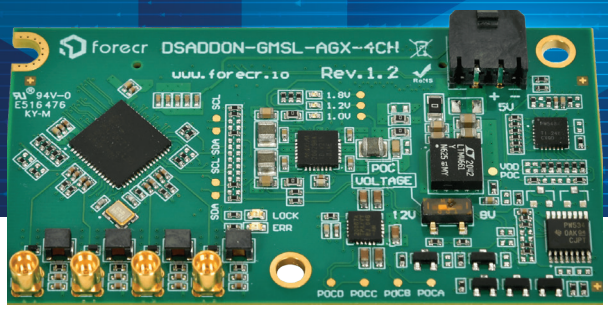
DSADDON-GMSL-AGX-4CH

4-CH GMSL BOARD FOR NX/AGX BASED SYSTEMS



KEY FEATURES

- **GMSL2 Protocol Support:** Ensures high-speed, reliable data transmission for up to four connected cameras.
- **Ruggedized Connectors:** Utilizes locking MMCX connectors, ideal for IP-rated systems demanding high durability.
- **Power over Coax (PoC):** Built-in PoC capabilities eliminate the need for separate power connections, streamlining installations and reducing wiring complexity.
- **Selectable PoC Voltage:** Dual voltage options (8V & 12V) can be easily selected via DIP switch, providing flexibility to suit different application needs.
- **Operating temperature:** -40C +85C
- **Current Limiting Protection:** Each camera output is safeguarded with current limiting protection, ensuring stable performance and enhanced safety.
- **High Current Output:** Delivers up to 300mA per channel, accommodating various camera power requirements.
- **Optional External Power:** Supports an external 5V power connector for scenarios requiring higher power consumption, ensuring adaptability for various operational demands.
- **No External Power Needed for Low-Power Use Cases:** Operates efficiently without external power in low-power setups, further simplifying deployment.

SPECIFICATIONS

Protocol	GMSL2
Camera Connections	Up to 4
Connectors	MMCX
Power over Coax	Yes
Current Output	Up to 300mA per channel
PoC Voltage Options	8V & 12V (selectable via DIP switch)
External Power Connector	Optional 5V
Protection	Current limiting protection per camera output

The GMSL BOARD is based on the MAX96712 deserializer and is designed to support the GMSL2 protocol, providing robust connectivity for advanced camera systems. This product is engineered for IP-rated ruggedized systems and offers seamless integration with locking MMCX connectors.

Industrial Automation

Surveillance Systems

Automotive Camera Systems

Military and Defense Imaging Systems

Railway

Transportation

Forecr OÜ (Reg No: 16578675)

VAT No: EE102592089
Sakala tn 7-2, Tallinn, 10141, Estonia

Forecr OÜ (Technopol Office)

Akadeemia tee 21/1 (II-floor), Room 219, 12618, Tallinn, Estonia

FORECR ELEKTRONIK LTD. STI. (R&D)

Gazi Üniversitesi Gölbaşı Yerleşkesi Teknokent Binası B Blok
No:10/50-B/23 06830 Gölbaşı / ANKARA / TURKEY

info@forecr.io www.forecr.io www.linkedin.com/company/forecr/

NVIDIA Preferred Partner