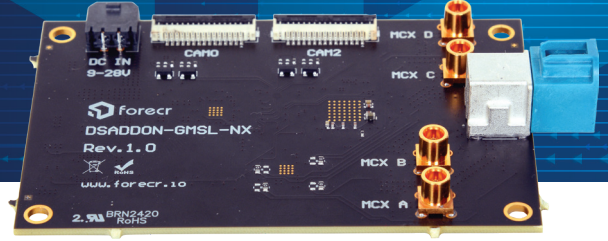# DSADDON-GMSL-NX

KEY FEATURES

› **GMSL2 Protocol Support:** Ensures high-speed, reliable data transmission for up to four connected cameras.

› **Multiple Connector Options:** Quad Mini-Fakra (default) or MMCX camera connector options

› **Ruggedized Connectors:** Utilizes optional locking MMCX connectors, ideal for IP-rated systems demanding high durability.

› **Power over Coax (PoC):** Built-in 12V PoC capability eliminates the need for separate power connections, streamlining installations and reducing wiring complexity.

› **Operating temperature:** -40C to 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 500mA per channel, accommodating various camera power requirements.

› **Wide Operating Voltage:** Wide input voltage range of 9-28V DC.

DSADDON-GMSL-NX is a robust GMSL2 camera add-on designed to enhance the capabilities of NVIDIA Jetson platforms with high-speed, reliable connectivity for up to four cameras. Supporting both Quad Mini-Fakra (default) and optional locking MMCX connectors, this module ensures flexibility and durability—ideal for rugged, IP-rated environments. With built-in 12V Power over Coax (PoC), it simplifies installation by eliminating the need for separate power lines. DSADDON-GMSL-NX offers wide input voltage (9–28V DC), up to 500mA output per channel, and current limiting protection on each channel, making it a powerful, safe, and efficient solution for advanced vision-based applications.

TECHNICAL SPECIFICATIONS

Protocol	GMSL2
Camera Connections	Up to 4
Connectors	Quad Mini-Fakra or MMCX
Power over Coax	Yes
Current Output	Up to 500mA per channel
PoC Voltage	12V
External Power Connector	9-28V DC
Protection	Current limiting protection per camera output

Industrial Automation

Surveillance Systems

Automotive Camera Systems

Drones/UAVs

Robotics

NVIDIA Preferred Partner

forecr

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