



4G PV Stick Logger with Meter Monitoring

Wireless Monitoring & Communication for Inverters and Energy Meters.

Key Features:

- Real-time acquisition of inverter and meter data
- Automatic network reconnection and data synchronization
- Remote configuration, diagnostics, parameter changes and reboot
- Communication and system watchdogs for reliable operation

TECHNICAL SPECIFICATIONS

Parameter	Specification
Type Designation	INVG4GDM
Application	Solar Inverter & Energy Meter Monitoring
Cellular Communication	LTE Cat 1 bis
LTE FDD Bands	Band 1 / 3 / 5 / 8
LTE TDD Bands	Band 34 / 38 / 39 / 40 / 41
Inverter Communication	RS485
Inverter Connector	CX16 Aviation Connector
Baud Rate	Configurable
Inverter Protocol	Manufacturer-specific; Modbus RTU optional
Meter Interface 1	RS485
Meter Interface 2	RS232
Meter Protocol	DLMS/COSEM; Proprietary Protocols Supported
Cloud Protocols	MQTT / TCP / UDP / HTTP / HTTPS
Security	SSL/TLS / Secure Authentication / Device Authentication
Input Voltage	5–37 VDC
Power Consumption	Low-power industrial design
Electrical Protection	Reverse Polarity / Over-Voltage Protection
Firmware Update	FOTA
LED Indicators	Power / Network / Data
Operating Temperature	-20°C to +70°C*
Storage Temperature	-40°C to +85°C*
Relative Humidity	Up to 95% RH, non-condensing

*Typical industrial operating limits. Final values depend on production configuration.



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