

M4 Gateway



Kemsys M4 Gateway card is a Smart IoT gateway device based on STM32 MCU. It connects sensors and other devices to the cloud. It has on-board standard industrial RS485 communication interfaces, making it more robust for an industrial environment.

IoT hardware,
software and
smart product
development

Key Features:

- Operated with Industry standard 12/24V DC power supply.
- The STM32 SoC features a single-core ARM® Cortex® M4 core.
- 4G-LTE GSM wireless communication module to push the data to the cloud.
- Super Capacitor to provide a stable power to RTC and GSM during power failure condition
- BLE
- Low power consumption
- Small form factor
- RTC
- Free RTOS



Interfaces:

- 1x 4G LTE fallback to 2G GSM
- 1 x Ethernet 10/100 Mbps (RJ45)
- 1 x Isolated RS-485
- 3 x Digital Input (Opto Isolated)
- 1 x Digital Output (Opto Isolated)
- 1 x Analog Inputs (ADC)
- 1 x Micro SD
- 1 x BLE
- 3 x Indication LED

Mechanical specifications:

- Dimensions of Enclosure:
20 x 80 x 55 mm
- Material used: ABC/PC

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