



HashStudioz
Technologies

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Dual SIM Industrial Router

Rugged 4G LTE router for reliable, uninterrupted connectivity in mission-critical IoT and industrial applications.

Key Specifications

- Dual SIM 4G LTE with automatic failover for continuous network uptime
- 1× WAN + 3× LAN ports with WiFi support for flexible connectivity
- Supports VPN protocols (OpenVPN, IPsec, PPTP, GRE) for secure communication
- Industrial-grade IP30 metal casing with wide temperature tolerance (−35°C to +75°C)



RS-485 to Ethernet Converter

Industrial device bridging RS-485 serial devices with Ethernet networks for fast, reliable data transmission.

Key Specifications

- Converts RS-485 (serial) to Ethernet (TCP/IP) with transparent data transmission
- Supports operating modes like TCP to RTU and Transparent Mode
- Wide power input range: DC 5V to 24V for industrial use
- Operates in harsh environments with temperature range −40°C to 85°C



RS-232/485 Ethernet Converter

High-performance serial-to-Ethernet converter for seamless communication in industrial and IoT applications.

Key Specifications

- Supports RS-232/RS-485 serial to Ethernet (TCP/IP) protocol conversion
- Multiple communication modes (TCP Server/Client, UDP, Transparent Mode)
- Wide input voltage range with industrial-grade design
- Web-based configuration for easy setup and integration



RS-485 Gateway

Industrial gateway bridging Modbus RTU devices to cloud platforms via LAN or 4G for remote monitoring and control.

Key Specifications

- Supports multiple protocols including Modbus RTU, MQTT, HTTP/HTTPS, and REST APIs
- Equipped with 1× RS-485 port and 1× Ethernet LAN interface for flexible connectivity
- Built-in security with TLS/SSL encryption and OTA (over-the-air) firmware updates



Linux Gateway

Robust Linux-based gateway connecting PLCs, serial devices, and cloud platforms for secure industrial data transmission.

Key Specifications

- Embedded Linux OS with secure and stable architecture
- Supports Modbus RTU/TCP, MQTT, HTTP/HTTPS protocols
- Multiple connectivity options: RS-485, Ethernet, and 4G LTE
- Industrial-grade design with surge protection and wide temperature support



2G Industrial Dongle

Compact plug-and-play 2G gateway for reliable remote connectivity in industrial monitoring applications.

Key Specifications

- Quectel M65 GSM/GPRS module for reliable 2G/GPRS connectivity
- RS-485 + Modbus RTU ready for industrial device integration
- Plug-and-play USB stick form factor — zero-hassle deployment
- Bundled 2G whip antenna with general industrial rating
- Compact, low-power design for remote telemetry and SCADA applications



4G Industrial Dongle

Compact, plug-and-play USB stick for industrial remote monitoring and data transmission.

Key Specifications

- Quectel EC600U-CE LTE module for stable 4G connectivity
- RS-485 + Modbus RTU ready for industrial device integration
- Plug-and-play USB stick form factor — zero-hassle deployment
- Bundled 4G whip antenna with general industrial rating
- Compact, low-power design for remote telemetry and SCADA applications



8 Digital Output

Compact, DIN-rail ready module for digital control in industrial automation and building management.

Key Specifications

- ARM M0+ based controller with Modbus RTU support for seamless PLC and SCADA integration
- 8 relay outputs for independent digital control of loads and actuators
- 4-way DIP switch for easy Modbus slave address configuration - no software required
- 8 LED indicators for real-time visual status of each output channel



P-10 LED Display Controller

Compact LAN-based controller for P10 LED matrix panels in signage and information display applications.

Key Specifications

- LAN connectivity with TCP socket support for flexible network-based display control
- Web page based IP configuration — no additional software required
- Supports both monochrome and RGB P10 display panels
- FRC 16-pin connector for direct and secure panel interfacing.
- Support dual supply via 5V or 12V DC supply.



Pi5+8AI HAT

Expansion HAT for Raspberry Pi 5 with 8 analog inputs & dual RS485 for industrial data acquisition.

Key Specifications

- 8× Analog Inputs supporting 4–20mA industrial sensors for accurate data measurement
- 2× RS-485 ports for reliable Modbus/serial communication with field devices
- Plug-and-play compatibility with Raspberry Pi 5 for easy integration



Pi HAT PCB

Compact plug-and-play 4G HAT for Raspberry Pi 4/5 with nano SIM for IoT and remote applications.

Key Specifications

- Supports Nano SIM-based 4G LTE connectivity for wide network compatibility
- Delivers up to 150 Mbps downlink / 50 Mbps uplink with LTE Cat-IV module
- Features UART & GPIO control for AT commands, reset, and power management

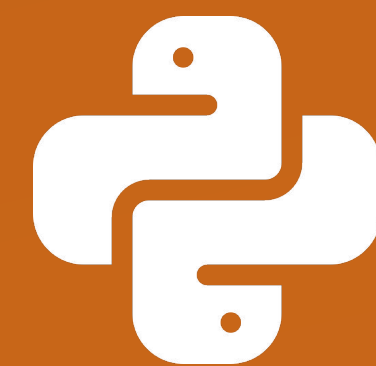


Sound Box

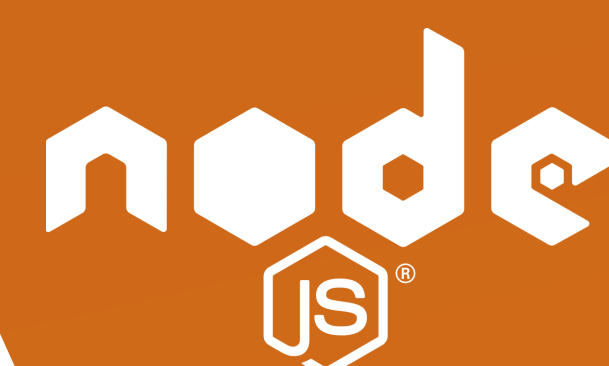
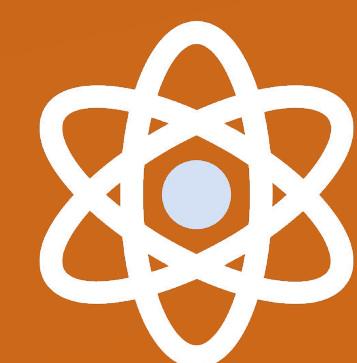
Smart 4G LTE soundbox for real-time voice alerts and instant transaction confirmation with white-label branding.

Key Specifications

- 4G LTE connectivity (Cat-1) for reliable, real-time payment notifications
- High-power 3W speaker with ≥85 dB output for clear voice alerts
- Built-in 2500 mAh rechargeable Li-ion battery for uninterrupted operation
- Fully customizable white-label solution



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