

Linux Gateway

The Linux Gateway provides reliable connectivity through LAN, Wi-Fi, and SIM-based cellular networks, enabling seamless communication between devices over long distances. It is ideal for environments where direct physical cabling is not feasible.

Powered by an embedded Linux system, the gateway supports data transmission via RS485 and TCP protocols and includes built-in OpenVPN support for secure remote communication. With LAN, Wi-Fi, and cellular interfaces, it efficiently bridges serial and Ethernet-based devices to IP and wireless networks, ensuring stable, encrypted, and continuous data flow.



Description

Operation Temperature	-6 – 60 degree C
LAN / WAN Interface	1 X LAN & 1 X WAN supported
Buffer (Rx/Tx)	Max 16K bytes
Network Protocol	TCP /IP, HTTP, MQTT
Speed Rate	20Mbps
Connectivity	LTE 4G, Wi-Fi, LAN
MODBUS Supported	RTU AND TCP
Input Voltage	5V to 24V DC
VPN Support	OpenVPN
Security	WPA – PSK / WPA2 – PSK
Encryption	WEP64/WEP128/TKIP/AES
Memory (RAM)	128MB
Max. Slave	30
Configurable	Web Page

