PRODUCT DATASHEET
Supplier-provided technical data

IoT Gateway (Data Logger/Data Collector)



Supplier: NiuBoL
Manufacturer model: TG451
Archive SKU: TG451
Price, availability, delivery and warranty: confirmed by quotation.

IoT Gateway (Data Logger/Data Collector) supplied by NiuBoL. Select the required configuration and request a quotation for price and availability.

Select the required configuration for your intended monitoring task. Supplier-stated ranges and performance figures are reproduced below. Source differences require confirmation of the supplied version; no retail price, stock, warranty duration or delivery commitment is inferred.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 26.

Supplier technical description

Technical specifications and configuration — supplier wording

● 1-RS232, 1-RS485, 5-RJ45, 1-USB, 2-DI, 2-DO, WIFI, SD*, GPS*
External Storage:
●USB Port:1 x USB 2.0
●SD (Optional):1 x Micro SD interface, Up to 32G
● LTE CAT 6 and CAT 4 compatible*
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●Network Protocols:
PPP, PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, RIPv1/v2, OSPF, DNS, DDNS, HTTP, ARP, QoS, SNTP, Telnet, VLAN, SSH
MQTT, Transparent (TCP Client/Server, UDP Client/Server), Modbus Gateway (Modbus RTU to Modbus TCP)
*LTE CAT 6, Dual SIM, Dual Module, SD or GPS are option features or from customized firmwarePower Requirements
● Standard Power: DC 12V/1.5A
● Input Voltage: 5-35 VDC
● Ingress Protection: IP30
● Housing & Weight: Metal, 790 g
● Dimensions: 145 x 114 x 45mm
● Mounting: Desktop, DIN-Rail
*(Optional function)