Midaas LX - Datasheet

RTU with WAN Interface

Product Overview

- IEC 104 support for both native and data collector configurations.
- Extensive wireless and wired connectivity
- Industrial build quality and reliability
- Miniature fanless design, size only 64 × 140 × 92 mm

Functional Features

- Hardware root of trust
- Certificate-based Authentication
- Auto-on
- Programmable indicator LEDs
- Inbuilt RTC with Removable battery

Connectivity

- 4x USB 3.0
- WLAN / Bluetooth module, 802.11ac / BT 4.2 (optional)
- 2x RJ-45 Gigabit Ethernet
- 1x HDMI, 1x mini DP
- Dual SIM Dual Active (Active-Active redundancy) 2G/3G/4G cellular capability
  - GSM/EDGE - B3/B8
  - WCDMA - B1/B5/B8
  - LTE-TDD - B38/B40/B41
  - LTE-FDD - B1/B3/B5/B7/B8/B20
- GNSS - Optional
- 4xRS485 serial ports with 15kV ESD Isolation

Networking and Security

- Protocols: PPP, PPPoE, TCP, UDP, TLS, DHCP, ICMP, NAT, DMZ, RIP v1/v2, OSPF, DDNS, VRRP, HTTP, HTTPs, DNS, ARP, QoS, SNTP, VLAN, SSH2, ILL
- VPN tunnel: IPsec, OpenVPN, GRE, L2TP, P2P
- Firewall - DMZ, anti-DoS, Filtering (IP/Domain name/MAC address), Access Control
- Serial Protocols: Modbus

Housing

- All metal fanless housing
- 64H × 140W × 92D mm
- Weight: 0.75 KG
- Shock, vibration, dust and humidity resistance

Mounting

- VESA / wall mounting bracket
- DIN rail mounting bracket

Power

- Power supply range: 9V – 36V

H & T

MIDAAS

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Opposite Mithakhali Railway Crossing,
Ahmedabad 380 006
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- Power consumption: 5 – 15 watts

Environment

- Temperature: -20°C to 60°C
- Relative humidity: 5% to 95% non-condensing

Ordering Information

Model No. Template: [Lx]-[C]-[W]-[G]

Feature	Options	Code
Parameters (x)	Analog Parameters + Counters	L2
	Analog Parameters + Counters + Digital Status	L3
IEC 60870-5-104 (C)	Native IEC 104	N
	IEC 104 in DC	D
WIFI+BT (W)	802.11ac + BT	W
GNSS (G)	GPS support	G