

Linortek iTrixx IoTMeter Technical Specifications

| Model | | iTrixx-Ultra 300 | iTrixx-NHM | iTrixx-WFMN-ADi | iTrixx-WFMN-Di |
|---------------------------------|--|--------------------------------|--------------|----------------------|----------------|
| Part# | | 01-910-00111 | 01-910-00024 | 01-910-00060 | 01-910-00064 |
| Web Server | Built-in software | √ | √ | √ | √ |
| | Access current data and status from any web browser | √ | √ | × | × |
| | Access current data and status from Telnet | × | × | √ | √ |
| | Desktop app | √ | √ | √ | √ |
| | Download data in CSV format (from the desktop app) | √ | √ | √ | √ |
| Network Connectivity | Ethernet Port: 10/100Base-TX PoE | √ | √ | × | × |
| | WiFi: IEEE 802.11b/g/n 2.4GHz | × | × | √ | √ |
| Configuration | Web browser | √ | √ | × | × |
| | Telnet (30316 port) | × | × | √ | √ |
| Relay Output | Dry contact: 1 FORM A 48VAC@8A Max | × | √ | × | × |
| | Dry contact, signal Relay, 2 Form C, 1A @ 30VDC | √ | × | √ | √ |
| Digital Input | Isolated mode (ISO): 5-24VDC@30mA max | √ | √ | √ | √ |
| | PULL UP mode (PU): used with a switch to activate a signal | √ | √ | √ | √ |
| Analog Input | Isolated 2-wire input: voltage: 5V or current 4-20mA | √ | × | √ | × |
| Data Storage | Internal storage capacity: 16MBIT | √ | √ | √ | √ |
| Alarms | Condition: high, low, within range and outside range | √ | √ | √ | √ |
| | Delay: optional time period for alarm response | √ | √ | √ | √ |
| Data Report Schedules | User settable interval | √ | √ | √ | √ |
| Data Integration | RESTful API | √ | √ | × | × |
| | MQTT | √ | × | √ | √ |
| | XML | √ | √ | √ | √ |
| | JSON | √ | √ | √ | √ |
| Security Protocols | TLS, SSL | √ | × | √ | √ |
| Network Services | DHCP, DNS, TCP/IP (IPv4), UDP, HTTPs | √ | √ * | √ | √ |
| Firmware Updates | Bootloader app through TCP/IP | √ | √ | √ | √ |
| Record Time (hrs) | 0 – 999,999.99 | √ | √ | √ | √ |
| Power Input | 12-48VDC | √ | √ | √ | √ |
| | POE | √ | √ | × | × |
| Power Consumption | 70mA | √ | √ | √ | √ |
| Assessories Included | 12VDC Power Supply | √ | √ | √ | √ |
| | RJ45 Cable (1M) | √ | √ | × | × |
| | DIN Rail Mount Clip | √ | √ | × | × |
| Physical and Environment | DINRail Mountable Enclosure | 70mm x 100mm x 25mm | | × | × |
| | IP66/67 Polycarbonate Box | | | 75mm x 125mm x 35 mm | |
| | Weights (OZ) | 11 | 11 | 12 | 11 |
| | Working Temperature | From 0 to +65 Celsius | | | |
| | Storage Temperature | From -40 to +125 Celsius | | | |
| | Humidity | From 10% to 90% Non-condensing | | | |

* HTTPs is not supported, only HTTP.