

Linortek iTrixx-WFMN-Di Wireless Equipment Hour Meter

Automate Equipment Usage Tracking

The self-contained, WiFi-enabled iTrixx-WFMN-Di wireless equipment hour meter logs runtime for industrial equipment, allowing you to monitor usage remotely. It's a cost-effective solution for monitoring:

- ◇ Equipment Usage
- ◇ Machine Uptime/Downtime
- ◇ Machine Idle Time
- ◇ Operation Counter
- ◇ And More...



Key Features

- ◇ Track equipment on/off time in real time from free mobile/desktop app
- ◇ Log hour reading data to CSV files automatically
- ◇ Receive email reports on a daily, weekly, monthly basis or any specific thresholds
- ◇ Integrate data to other software via MQTT, UDP, XML
- ◇ Encrypted communication and data security measures
- ◇ WiFi enabled that can be used for any industrial equipment

Overview

iTrixx is an IoTMeter which was developed on Linortek's secure TCP/IP product platform with built-in web server and MQTT protocol. It's easy to setup and flexible in data collection. It can be used to track industrial equipment runtime data for preventative maintenance with no monthly subscription fees.

The iTrixx-WFMN-Di is housed in an IP66/67 enclosure. It comes with 2 digital inputs, an impact sensor, and specially designed software functioning as an hour meter. Hour recording can be activated by voltage or digital input (5-24VDC). The software includes dual hour meters, enabling you to record uptime and downtime separately or designate one for each machine of your choice. The logs track totals up to 999,999 hours, providing precise information on when maintenance is due.

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	√	√	√	√
Accessories Included	12VDC Power Supply	√	√	√	√
	RJ45 Cable (1M)	√	√	×	×
	DIN Rail Mount Clip	√	√	×	×
Physical & 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.