

TECHNICAL DATA

Fluke 3501 FC Gateway



FLUKE CONNECT COMPATIBLE

Use with Fluke Connect® Condition Monitoring Software

CONDITION MONITORING

Strengthen your maintenance program with real-time condition monitoring of your equipment

REMOTE MONITORING

Remote monitoring of your equipment via the Internet

IMPROVED UPTIME

Fast and cost-effective set up and maintenance, reduced maintenance costs

Main features of Fluke 3501 FC Gateway:

- Stream measurement data from up to ten Fluke 3500 series sensors to Fluke Connect® Cloud over wired or wireless networks
- Smartphone Wi-Fi interface with Fluke Connect app (iOS, Android)
- Powered with ac to 15V dc adapter
- Li-Ion battery backup to operate through power disruptions (up to 2 hours)
- Multiple mounting solutions (Fluke ToolPak, strap, DIN rail, or wall bracket)
- Field upgradeable software

Specifications

Processor	CPU	TI AM3352 800 MHz, 1 core
Memory	RAM	512MB DDR3
Storage	Embedded	4GB eMMC
I/O interfaces	Ethernet	2x 10/100 Mbps
	USB	2x Host 2.0 (Noise and surge protected)
Radio interfaces	Wi-Fi/BT	b/g/n, BLE
	Antennas (external)	1x RP-SMA Wi-Fi/BT
Power	Input	15VDC
	Consumption	2 W Idle (15 W Max)
Environment	Operating temperature	0 °C to 30 °C
	Storage temperature	-20 °C to 50 °C
Certifications	Regulatory	CE, FCC
	Safety	IEC60950-1
	Environmental	RoHS2; Reach
	Radio	FCC
Mechanical	Size (without hanger bracket and antenna)	122 mm (L) x 180 mm (W) x 69 mm (H)
	Weight (without hanger bracket and antenna)	510 g
Warranty		1 year





3500 FC Condition Monitoring Sensors

The Fluke 3501 FC Gateway receives measurement data from the following sensors:

- Fluke 3510 FC AC Voltage Sensor
- Fluke 3511 FC DC Voltage Sensor
- Fluke 3520 FC AC Current iFlux® Sensor
- Fluke 3521 FC 2000A DC Current Sensor
- Fluke 3530 FC K-Type Temperature Sensor

The Fluke 3501 FC Gateway sends measurements to the Fluke Connect® Cloud where they can be accessed by Fluke Connect® Condition Monitoring Software.

Sensors

- Use the sensors on a single piece of equipment or easily move them around
- Gather multiple measurement types including amps, volts and temperature

Data Logging and Alarms

- Data logging with alarms so that you can leave but stay in touch
- Identify potential equipment degradation or events based on measurement data

Remote Monitoring

- Use the Fluke Connect® Condition Monitoring dashboard from your computer or handheld device for remote monitoring, creating reports or sending work orders
- Make informed decisions on critical situations with real-time data

Fluke Connect® Condition Monitoring Software

- Two-way communication using Fluke Connect Condition Monitoring software. Receive alarms through in app notifications
- Detect fault development by tracking historical trends and current conditions

Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect® system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Access baseline, historical and current measurements by asset.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- Share your measurement data using ShareLive™ video calls and emails.
- The 3500 FC Condition Monitoring System is part of a growing system of connected test tools and equipment maintenance software. Visit the website to learn more about the Fluke Connect® system.

Find out more at flukeconnect.com



All trademarks are the property of their respective owners. 3500 Series Sensors are designed to communicate only with the Fluke Connect Gateway and Fluke Connect Condition Monitoring software. WiFi or cellular service required to share data. Smartphone, wireless service and data plan not included with purchase. First 5 GB of storage is free. Phone support details can be viewed at fluke.com/phones.

Smart phone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.

Fluke. *Keeping your world up and running.®*

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