

Fluke 174X Firmware V2.0.1 Release Notes

Date: 12 March 2019

New Features:

- Added support for circular memory model (overwrite oldest data)
- Added Flicker P_{ST} to trend interval (1min ... 30min)
- Added event recordings (waveform and RMS profile) at the end of dip, swell and interruption events
- Added Modbus TCP protocol (requires license) – refer to Modbus manual for supported measurements
- Added support for Configuration templates
- Prepared for use with Fluke Connect® - further information will become published as part of launch announcements.

Improvements:

- Extend number of events to 10,000 events per session
- Improvements to WiFi/BLE communication stability
- Improved Flagging status for Flicker P_{LT}
- Resolve multicast issues for connecting to WiFi and Ethernet simultaneously
- IP address of WiFi AP changed from 10.10.10.1 to 10.237.186.1. This reduces connection issues when 10.10.10.x is used in the local network. This change affects VNC connection configuration only (usage of VNC requires a license)

Known Issues:

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New Features:

- Companion firmware to use with Energy Analyze V3.1.0 or higher
- Support of the upgrade licenses: 1742-6/UPGRADE, 1742-8/UPGRADE, 1746-8/UPGRADE
- Support for up to two Mains Signaling Voltages.
- Connection verification with phasor diagram.
- Support to configure gain and offset on the AUX channels.
- Support to use up to two Fluke Connect modules (supported modules: FC3000 series, leakage current clamp Fluke 368 and Fluke 369, DMM FLK-3000 FC).
Note: The Bluetooth adapter needs to be attached to the internal or external USB port of the Logger.
- Added 3 second trend interval
- Support of optional license VNC SERVER to add the ability to control and view data on the 174X products using the VNC application (available for PC, iOS, Android)

Improvements:

- Status visualization of the WiFi-Hotspot with the LED WiFi-HOTSPOT improved
- Fixed the issue that on slow WiFi networks a timeout interrupted the data download.

Known Issues:

- Occasionally Ethernet link is not detected on direct connection PC-Logger. This is noticed on some LAN chipsets (e.g. Lenovo Thinkpad L460, Dell Latitude 5480).

Recommended workarounds:

1. Configure the Ethernet adapter to use 100Mbit/s full duplex.
2. Use an Ethernet switch between PC and Logger.

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Date: 5 October 2017

New Features:

- Initial release for Fluke 1742, 1746 and Fluke 1748.