Thorlabs PM100A Handheld Power Meter - Firmware Changelog

This firmware is a device internal program for PM100A Optical Power Meters. For installation instructions consult the users manual.

Changelog
Apr-28-2009   Release V1.0
May-20-2009 V1.1
- NEW: Auto thermopile acceleration mode.
- BUGFIX: USB hang-up possible with S130 sensors.
Nov-20-2009 V2.0
ATTENTION! This firmware version requires instrument driver version 2.0.0 or later installed for remote operation. Older instrument driver version will not recognize the instrument with DFU interface (Firmware Update) disabled.
- BUGFIX: Locally setting wavelength was possible in remote mode.
- CHANGE: USB descriptors with different USB-Product IDs when enabling/disabling the DFU interface (Firmware Update). This solves problems of Windows to install the correct USB drivers. The USB PIDs are:
- PM100A w. DFU: PID = 0x8071
- PM100A w/o DFU: PID = 0x8079
Nov-24-2009 V2.1
- BUGFIX: Auto ranging now works correct for negative measurement values.
- BUGFIX: Firmware hang up after ZERO process solved.
Jan-27-2010 V2.2
- BUGFIX: Random USB timeouts and hang ups solved.
Oct-18-2012 V2.2.2
- BUGFIX: USB measurement timeouts on optical input overload solved.
Mar-21-2014 V2.3
- CHANGE: Improved thermopile acceleration.
- CHANGE: Thermopile acceleration disabled during zero measurement.
Jan-30-2017 V2.4
- BUGFIX: SCPI command *RST did not work.
- CHANGE: When changing the sensor now as much setup data is copied/coerced for use with the new sensor instead of resetting all setup to default.
May-04-2018 V2.5
- BUGFIX: Internal memory timing was out of specifications.