

QSwitch firmware release notes

FW 1.3 Release date 2024-01-30

Features and changes to functionality

- Implemented user-defined LAN connection timeout: The SYSTem:COMMunicate:LAN:TIMEout command can be used to set or query when an inactive TCP connection will time out. The value is in seconds, or zero if disabled, which is the default setting..
- Implemented *TST? command that reports 1 if any hardware problem has been observed (Self-Test, IEEE common command).

FW 0.187 Release date 2023-12-18

Features and changes to functionality

- Implemented *OPC? command to wait for QSwitch to be ready to receive more commands (OPeration Complete, IEEE common command).
- Implemented SYSTem:COMMunicate:LAN:CLOSe command to forcefully close an open ethernet connection.
- Implemented SYSTem:COMMunicate:LAN:REStart to forcefully restart (clean) the ethernet interface (after close).
- USB communication latency improved.
- Throttle internal communication to increase responsiveness.

Bug fixes

- Eliminate relay state glitch during REStart when using AUTosave.
- More stable power led and buzzer behavior when using SYSTem:BEEPer.

Manual

- Added descriptions for new commands.
- Added new links to firmware update page

FW 0.155 2023-09-01

Initial beta release