

Pinebox Software Release Notes

Software 1.4.6

2026-MAY-06

- ADD: Python Sandbox environment
- ADD: Port power-on at startup option
- ADD: Counters and triggers (with signal scope)
- ADD: Timers (with signal scope)
- BUGFIX: WiFi SSIDs with blanks
- BUGFIX: ZTE LTE stick in AP mode
- BUGFIX: Stability issue with certain IO-Link devices
- UPDATE: Node-RED version
- IMPROVE: Fonts on the device for offline operation
- IMPROVE: Wifi connection delete added

Software 1.3.163

2026-DEC-05

- BUGFIX: Major bugfix for stability (sporadic errors, re-connection)
- BUGFIX: Node-RED templates (wrong wiring, labeling)
- IMPROVE: Log handling
- BUGFIX: Config store/restore handling
- ADD: USB WiFi dongle configuration support

Software 1.3.26

2026-AUG-26

- ADD: Ports can be configured as Digital In (DI) or Digital Out (DO). This applies to the CQ-Port (Pin 4 on M12).
 - o DO is push-pull configuration, i.e. the line is driven to GND or 24V, max. current is 150mA.
 - o DI is 24V=1, 0V=0, Pull-up or Pull-down resistor is recommended if switch contact is 24V or 0V.
 - o Please note that the DIA-Port is not supported
- ADD: Support for LTE-Stick web configuration interfaces. When the LTE stick is connected, it identifies as USB-to-Ethernet stick and reserves a IP address (see LTE stick manual). The configuration web interface can be set in the device settings and will be reachable under port 18100.
- BUGFIX/IMPROVEMENT: In some cases, connection problems with IOL ports, temporary loss of connection
- BUGFIX: Config gets overwritten on firmware update
- BUGFIX: For some IODDs, creation of Node-RED-Node for PD failed
- BUGFIX: Log handling

Software 1.2.31

2025-JUL-25

- BUGFIX: In some cases, IOL port 2+4 stall at startup or during idle operation.
- BUGFIX: Some smaller flaws in the web interface

Software 1.2.17

2025-JUN-18

- BUGFIX: IODD files were deleted when “Device” page was accessed
- ADD: System command handling for IO-Link Devices including Node-RED integration
- IMPROVED: IODD error message handling (e.g., on IODDs with error)
- IMPROVED: Read/Write parameter error message handling
- ADD. Datatypes REAL and DATETIME

Software 1.1.0

2025-FEB-13

- BUGFIX: Issues with some sensors, e.g. Keyence and some ifm sensors
- BUGFIX: Some web interface corrections
- BUGFIX: Issues with DHCP settings and display

Software 1.0.0

2024-DEC-04

- ADD: Link to IODDfinder when port is powered