

Changelog for the Firmware of the TBEN-Lx-PLC-1x variants



Affected devices:

Material	Part number	Description
6814018	TBEN-L5-PLC-10	5-pin 7/8" power supply connector (IN and OUT)
100000272	TBEN-L5-PLC-11	5-pin 7/8" power supply connector (IN and OUT), with CODESYS WebVisu license
6814019	TBEN-L4-PLC-10	4-pin 7/8" power supply connector (IN and OUT)
100000273	TBEN-L4-PLC-11	4-pin 7/8" power supply connector (IN and OUT), with CODESYS WebVisu license

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Firmware v1.7.2.0

Firmware version	1.7.2.0
CODESYS Runtime version	3.5.21.10 (SP21, Patch 1)
CODESYS Package	3.5.21.0
Release date	30.09.2025

Release Notes: Migration to SP21 CODESYS Runtime

- Update of the CODESYS Runtime to SP21 Patch 1
- New feature: TAS Cloud Connector added
- New feature: CODESYS Auditlog support has been added to the runtime
- Fixed: PROFINET Neighborhood detection LLDP without function
- Fixed: DHCP requests have been sent on both ports in Dual MAC mode
- Fixed: Allow USB Sticks with and without partition table
- Improved: DCP Multicast Storm could crash TBEN-Lx-PLC-xx, robustness of PND interface improved
- Improved: Reduced jitter on IEC-Task which triggers Local-IO-device driver
- Change: License files have been added into the firmware, additionally to the 3S-dat file
- Change: The web interface now allows to configure device/station settings such as IP address while a CODESYS app is running
- Webserver: New Feature "Diagnostic report" in top level menu documentation

Firmware v1.6.20.0

Firmware version	1.6.20.0
CODESYS Runtime version	3.5.18.5 (SP18, Patch 5)
CODESYS Package	3.5.18.3
Release date	19.02.2025

Release Notes: Bug fix and Optimization

- Fixed: Disconnecting an active OPC UA connection triggers a SIGABORT and terminates the application
- Improved: CODESYS runtime update to v3.5.18.50

Firmware v1.6.18.0

Firmware version	1.6.18.0
CODESYS Runtime version	3.5.18.1 (SP18, Patch 1)
CODESYS Package	3.5.18.1
Release date	30.11.2023

Release Notes: Bug fix and Optimization

- Fixed: Webserver - Change of IP address was not working if CODESYS application is in RUN
- Fixed: Webserver - Device Reset was not working if CODESYS application is in RUN
- Fixed: Firmware update via USB-Stick was not working
- Improved: CODESYS PN device stability and timing behavior optimized

Firmware v1.6.12.0

Firmware version	1.6.12.0
CODESYS Runtime version	3.5.18.1 (SP18, Patch 1)
CODESYS Package	3.5.18.1
Release date	21.09.2023

Release Notes: Bug fix

- Fixed: The default gateway was set to 0.0.0.0 when renewing addresses via DHCP

Firmware v1.6.11.0

Firmware version	1.6.11.0
CODESYS Runtime version	SP18
CODESYS Package	3.5.18.1
Release date	08.05.2023

Release Notes: Migration to SP18 CODESYS Runtime

- Fixed: EIP master stops responding to devices after power cycle (occasionally, if automatic connection re-establishment after failure was disabled)
- Fixed: Ethernet/PROFINET connection failed after power on with boot project and slow booting Ethernet switches (solved with migration to SP18)
- Fixed: EtherNet/IP Scanner - encapsulation timeout handling is wrong (solved with migration to SP18)
- Fixed: CODESYS did not start if the user flash memory usage is 100% (solved with migration to SP18)
- Fixed: LLDP MAC has not been displayed correct
- Fixed: PN device Failsafe behavior worked not correct if Vaux control is configured to switchable
- Fixed: Corrupt configuration file for cloud connector will be ignored if non readable
- Improved: Persistence of user defined firewall rules
- Improved: CODESYS USB License Dongle not available after startup in rare cases

- Fixed: Webserver - Not all parameters have been written properly on the first write request Improved: Webserver - Display Firmware Revision also in Firmware Update section
- Fixed: Webserver - fix display of timeout value in web interface
- Improved: Webserver - Enable scrollbars in the displayed license text (only for small screen sizes relevant)
- Improved: Webserver - Tooltip help texts for NTP parameters corrected