

## Changelog Firmware 1.0.8.0 for TBEC-LL-4RFID-8DXP

- New Turck webserver (dynamic page refresh, improved user experience, more diagnostics etc..)
- Web based UHF tools added:
  - o RFID-Test: Simple tool for reading tags without installation of any software
  - o UHF-Diag: Tools for identifying interference frequencies in all used channels
- Password support of SLIX2 (HF read/write heads from firmware version Vx.98)
- Support of AFI commands for HF
- Support of DSFID commands for HF
- New command Delete Buffer (Cont. Mode)
- Fixed minor issues with reset command, if a command is busy
- Webserver: User can display read/write data as hexadecimal or decimal value
- Fixed issues with tag counter (increments twice after reading data from tag)
- Fixed Extended Features
- HF: Idle mode - read tag again after writing and changing back to Idle
- Webserver: Event-log entry "Web administrator logged out" added
- Webserver: login-procedure improved
- Command Get UHF read/write head status/error returns fixed length
- Added a reduced RFID diagnostic module
- Webserver: online-help improved



- Commands "Set HF read/write head address" and "Query HF read/write head address" can be executed even if no read/write head address is enabled
- Disabled logging of RFID commands
- Webpage: Its now possible to pan and zoom the charts
- Report "I/O-ASSISTANT Force Mode active" in event log
- Prevent duplicate event log entries in the web configuration
- Some text messages updated
- Prevent unassigned event log entries in the web configuration
- Extend the response data of command Read/write head identification by one byte
- Hardened HTTP protocol againsts invalid ethernet frames
- Fixed issue with 8K tag in idle mode
- Webpage: Support configuration of Multitag parameter in HF-mode
- Customer gets a diagnosis if HF continuous mode parameter do not fit to tag type
- The vendor name is changed from "TURCK" to "Turck" and the device family name from "TBEC-Family" to "TBEC-L"
- Introduced new error code for unknown Tag type
- Fixed an error code
- Improved connection reliability
- Fixed failsafe behavior of switchable Vaux
- Improved connection reliability
- Fixed issue with Command Tag Info and Idle Mode settings with user memory
- Improved the stability of FoE firmware updates



- Ensure user interface in web is locked in long running requests
- Optimized data supply to the web interface
- Display a warning if network latency is too high
- The factory reset function of the reset button works more reliable
- Display Hardware Revision in device station information
- Fixed swapped error codes in Profinet and EtherCAT
- Force Mode and ARGEE program running bits do not generate diagnostics any more
- Removed empty 0x8000 parameter indices
- Fixed a bug concerning restart of HF Continuous Mode



## Changelog Firmware 1.0.5.0 for TBEC-LL-4RFID-8DXP

- Compatible with Omron environment using the ESI file for Omron PLCs
- Supporting the RFID function block, universal data interface for TwinCAT V3
- Support structure for linking of variables in TwinCAT with gaps in PDO's (not compatible with linking of variables in ESI file version 7794, because the names of the data points has been changed)
- Added RFID diagnose bits to the RFID Status Slot
- Allow reading partial UID in Continuous Mode
- Fixed issues with HF idle mode and reading 8 byte user data
- Sending of emergency messages is enabled by default
- ENUM's in process data indices are removed
- Updated Backup/Restore commands for configuration of UHF readers