

https://wiki.teltonika-gps.com/view/Template:TFT100_stable_FW%26SW_changelog

Template:TFT100 stable FW&SW changelog

VERSION

**RELEASE
DATE**

CONFIGURATOR CHANGES

FIRMWARE CHANGES

55.02.03.Rev.0 2024-01-1
6 5
1.7.66_B.55.2_
R.11

- [ADD] Added CAN Debug feature and CAN Log parameter
- [CHN] Increased DOUT duration limit for Overspeeding, Green Driving, Idling features
- [ADD] Added Odometer parameter for UART, RS232 and RS485
- [REM] Removed CAN and RS485 termination resistor management parameter
- [FIX] Fixed Askoll CAN protocol charge voltage and current I/O parameters visibility, removed malfunction indication I/O
- [FIX] Fixed FLEX CAN protocol parameters duplication
- [ADD] Added Ignition ON Counter feature
- [ADD] Added Separate Manual CAN I/O Reset feature and related parameters
- [CHN] Reduced max sensor size to 64 bytes
- [CHN] Moved Manual CAN baudrate parameter to main CAN I/O section
- [CHN] Changed Manual CAN Settings table and simplified CAN protocol settings
- [CHN] Changed device Wiki links to Teltonika-gps
- [FIX] Fixed BLE Custom I/O Low level maximum value to match valid range by firmware
- [REM] Removed wrong parameter (ID: 740 and 741) tool tips
- [ADD] Added Eye Sensors support
- [FIX] Fixed Roaming/Blacklist CSV file import
- [FIX] Fixed Manual CAN request period max range
- [REM] Removed Manual CAN and Manual J1939 parameters option to leave empty field
- [ADD] Added High resolution vehicle distance and Trip Distance CAN ID and I/O to Default J1939 protocol
- [ADD] Added new Askoll CAN protocol I/O's
- [CHN] Changed Manual CAN Commands interface to table
- [REM] Removed ISO6709 I/O
- [FIX] Fixed Tool Tips inaccuracies
- [FIX] Fixed Online vs Offline configuration discrepancies
- [CHN] Changed Manual CAN I/O and Ignition range Low and High level maximum value range
- [FIX] Fixed J1939 Source Address maximum address to 253
- [FIX] Fixed UART Battery temperature Low level maximum value range
- [FIX] Fixed Ultra Deep Sleep naming mismatch
- [ADD] Added SMS Events functionality
- [FIX] Fixed auto answer (HF) wrong parameter values
- [REM] Removed RS485 Mode selection duplication
- [CHN] Increased DOUT duration limit for Overspeeding, Green Driving, Idling features
- [ADD] Added CAN Debug feature
- [CHN] Changed 0% battery level voltage to 3.3V
- [ADD] Added battery percentage level to battery info SMS
- [ADD] Added Ignition ON Counter feature
- [ADD] Added protection against network stuck reset when device is working from battery and immobilizer scenario might be activated
- [CHN] Improved CAN data reading operation for each available CAN protocol
- [ADD] Added CAN chip sleep when external power is not available or device is in Ultra Deep Sleep
- [ADD] Added Separate Manual CAN I/O Reset feature
- [ADD] Added new Askoll CAN I/O's
- [ADD] Added watchdog timer for CAN task
- [CHN] Improved DOUT control during device's boot-up
- [FIX] Fixed incorrect CAN SMS/GPRS AVL response
- [ADD] Added High resolution vehicle distance and Trip Distance CAN ID and I/O to Default J1939 protocol
- [REM] Removed ISO6709 I/O
- [FIX] Fixed ignition detection with power voltage higher than 65V
- [FIX] Fixed CAN and UART I/O low level range values
- [ADD] Added SMS Events functionality
- [FIX] Fixed AVL ID 239 (Ignition) value not updating in records
- [FIX] Fixed Auto Geofence text field parameter resetting after device reboot
- [ADD] Added Eye Sensors support
- [CHN] Changed CAN None protocol operation - CAN is not configured, CAN task suspended
- [CHN] Reduced 1-Wire startup delay after wake up from UDS
- [ADD] Added DIN2 status to getio command
- [FIX] Fixed setdigout speed command when GNSS fix is not available

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CONFIGURATOR CHANGES

FIRMWARE CHANGES

- [CHN]: Changed Default and Minimum CAN Command period. Changed tooltips.
 - [ADD]: Add timestamp backup description
 - [CHN]: Corrected misleading and outdated tooltips
 - [CHN]: Changed TFT100 default configuration.
 - [ADD]: Added [CAN I/O reset](#) parameter.
 - [ADD]: Govecs FLEX (TFT100) changes were merged into 7.0.33 version.
 - [ADD]: Added AES128 BLE encryption KEY parameter
 - [CHN]: Updated tooltip description for DOUT Deactivation Via DIN
 - [FIX]: Fixed BLE Sensor Custom IO SMS sending with value NaN and displaying as ASCII in Configurator.
 - [FIX]: Fixed device constantly opening and closing GPRS with permanent link if APN is empty in configurator.
 - [FIX]: Fixed permanent link not changing protocol after reconfiguration.
 - [CHN]: Updated FOTA WEB protocol ID 0x04 => 0x05
 - [FIX]: Increased connection interval in order to speed up connection through BLE terminal.
 - [FIX]: Fixed POSI command skipping.
 - [FIX]: Fixing network stability issues.
 - [FIX]: Fixed timestamp not renewing for Eddystone beacons.
 - [FIX]: Added condition to prevent closing socket, if GPRS command is received and response was not sent yet.
 - [FIX]: Fixed issue, when after pin reconfiguration from DOUT to DIN, DOUT stays ON.
 - [FIX]: Fixed periodic CAN command message disabling.
 - [FIX]: Fixed Flex CAN protocol reading 0 values after power is cut off.
 - [FIX]: Fixed Manual CAN commands periodical sending.
 - [CHN]: Changed TFT100 default configuration.
 - [CHN]: Increased external queue size to prevent abnormal restarts during BLE scan.
 - [ADD]: Added [Reset CAN IO values](#) parameter.
 - [FIX]: Fixed CAN message sending irregularities.
 - [FIX]: Fixed J1939 CAN reading recovery after external power is off.
 - [ADD]: Added priority for charger control factory command.
 - [FIX]: Fixed a broken GSM connection due to incorrect SIM card selection.
 - [FIX]: Fixed FOTA WEB fail when the files requested for download do not exist.
 - [FIX]: Fixed lost BLE AES encryption key after reboot.
 - [ADD]: Merged Govecs FLEX changes into base. New configuration 7.0.33 created also.
 - [FIX]: Fixed DOUT delay after ignition detection.
 - [FIX]: Fixed Manual CAN Ignition and Speed I/O's timeout issue
 - [FIX]: Fixed Manual CAN Speed Source I/O's Speed Offset min/max values
 - [ADD]: Added AES128 BLE encryption functionality
 - [FIX]: Fixed Manual CAN I/O triggers with configured operands
 - [FIX]: Fixed GPRS commands sending with TLS encryption
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VERSION	RELEASE DATE	CONFIGURATOR CHANGES	FIRMWARE CHANGES
55.01.02.Rev.02 1.6.11_R.30	2021.11.03	<ul style="list-style-type: none"> Parameters for Ignition, Speed extraction from manual CAN messages added. Added immobilizer functionality which is not dependent on ignition. GNSS source parameter mask changed to allow only valid GNSS modes. FLEX protocol functionality added. Manual CAN Commands functionality moved to separate tab. 120 Ohm resistor settings added for CAN, RS485 variants. Last known position parameter added. PDOP filter parameters added. 	<ul style="list-style-type: none"> Fixed FW up/downgrade for TFT CAN devices with new Flash component. SMS commands updated. Commands will return time with time zone applied. Fixed minus temperature calculation. PDOP filter added. Movement detection tracking fixed. GNSS source parameter only available value can be set. Added Backup tracker scenario. Added speed, ignition source manual CAN functionality. Added immobilizer functionality which is not dependent on ignition. Updated Manual CAN IO value display. The value is cleared after configuration changed. Added FLEX protocol support. Added a time guard if BLE scan job is stuck. Fixed external voltage value representation in battery SMS command response. Added 120 Ohm resistor support. Added Last known position parameter added.
55.00.14.Rev.00 1.6.11_R.19	2021.02.03	<ul style="list-style-type: none"> Parameter order in IO section was updated. Timestamp backup functionality added. Added possibility to include additional IOs to eventual crash record. Added Endianess, Payload and RTR options to Manual CAN settings. 	<ul style="list-style-type: none"> Added possibility to include additional IOs to eventual crash record Fixed DOUT state after immobilizer. Fixed double iButton scanning issue for immobilizer after sleep. Fixed Crash event value. Added battery percentage value to the SMS Increased compatible beacons count from 25 to 100. Fixed memory leak, when the GPS module is turned on and off frequently. Timestamp backup functionality added. Improved Manual CAN data reading. Beacon detection regarding the timestamp for immobilizer functionality, minimal ignition tmo changed to 5s. Added <i>Request DA</i> parameter to Manual J1939 (availability to send request to specific address). Added <i>Payload</i> and <i>RTR</i> parameters to Manual CAN (availability to send requests with data). Option to start Manual CAN commands on startup was added. Added command <code>.can_dbg:<1/0></code>, which turn on/off the additional CAN debug functionality.

55.00.09.Rev.08 1.6.11_R.14	2020.10. 16	<ul style="list-style-type: none"> • Added BMS2 I/O parameters to Bosch CAN protocol; • Added DOUT control via Ignition feature; • Added Manual J1939 protocol; • Added permanent link with server feature; • Added Manual CAN commands functionality; • Added Falldown functionality with autocalibration; • Added Battery level I/O parameter; • Added Battery Charge Mode feature; • Added Beacon selection with Immobilizer feature; • Added functionality to hide DOUT selection near all features if DIN is selected; • Added Manual CAN feature; • Added Default J1939 protocol support with it's I/O parameters. 	<ul style="list-style-type: none"> • Added permanent link with server feature; • Added Manual J1939 protocol support; • Improved CAN functionality regarding abnormal restart issue; • Added DOUT control via Ignition feature; • Added e-floater (UART) e-scooter support; • Added BMS2 I/O parameters to Bosch CAN protocol; • Implemented EMCO CAN SMS/GPRS commands (used with Manual CAN protocol); • Improved instant movement calculation in Deep Sleep mode; • Added Manual CAN commands functionality; • Added Govecs e-scooter Bosch protocol lock/unlock/setdigout multi commands; • Added Govecs e-scooter Bosch protocol lock/unlock/openbox CAN commands; • Improved Immobilizer functionality with relay; • Updated Super Soco RS485 SMS response text; • Added Falldown functionality with autocalibration; • Added RS485 restart timeout if no status data is received from Super Soco e-scooter; • Added Manual CAN functionality; • Added Default J1939 protocol support; • Added Govecs Schwalbe e-scooter CAN SMS/GPRS commands (used with Bosch CAN protocol).
55.00.08.Rev.03 1.5.15_C.003	2020.04. 10	<ul style="list-style-type: none"> • Optimized Digital Output tool tips; • Optimized UART panel title to be more accurate; • Removed duplicated I/O parameters; • Added RS485 Super Soco protocol; 	<ul style="list-style-type: none"> • Added wake up via DIN1 in Ultra Deep Sleep mode functionality; • Added GoUrban RS485 protocol for Super Soco e-scooter; • Added new TFT100 hardware support;

55.00.06.Rev. 01 1.5.0_C.007	2020.02. 07	<ul style="list-style-type: none"> • Implemented an option to select Analog Input Value Range; • Optimized default configuration; • Added DOUT Control Via Call feature; • Added iButton Read Notification and Immobilizer feature; • Added On Demand Tracking feature; • Added new Ignition Source parameters - Accelerometer, DIN1, Power Voltage, CAN; • Implemented DIN/DOUT selection ability; • Added Bosch CAN Powertrain and Askoll protocol selection and I/O's; • Added TFT100 hardware support; 	<ul style="list-style-type: none"> • Optimized Askoll specific commands; • Optimized CAN chip and NAND SPI Chip select synchronization;
55.00.05.Rev. 00 1.6.11_R.X	2020.01. 17		<ul style="list-style-type: none"> • Optimized iButton Read Notification feature; • Added DOUT Control Via Call and iButton features; • Added Immobilizer scenario; • Added DOUT Control via Call scenario; • Added new Ignition Source parameters - Accelerometer, DIN1, Power Voltage, CAN; • Implemented the ability to configure DIN/DOUT; • Added FOTA WEB support; • Added Askoll related SMS commands - askoll_unlock, askoll_horn, askoll_tc; • Optimized data reading through CAN interface; • Implemented Bosch CAN Powertrain and Askoll protocols; • Added DOUT protection; • Added base functionality for all modifications; • Added TFT100 hardware support;