https://wiki.teltonika-gps.com/view/TFT100_Stable_firmware

TFT100 Stable firmware

STABLE FIRMWARE		DOWNLOAD
FIRMWARE VERSION:	55.02.03.Rev.06	Firmware
CONFIGURATOR VERSION:	1.7.66_B.55.2_R.11	Configurator
RELEASE DATE:	2024-01-15	DOWNLOAD ALL
		DOWNLOAD ALL

CHANGELOG

VERSION	RELEASE DATE	CONFIGURATOR CHANGES	FIRMWARE CHANGES

55.02.03.Rev.06 1.7.66_B.55.2_R.11	2024-01-15	• [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

VERSION	RELEASE DATE	CONFIGURATOR CHANGES	FIRMWARE CHANGES

55.01.10.Rev.00 1.6.11 R.39	2022.09.09	• [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

VERSION	RELEASE DATE	CONFIGURATOR CHANGES	FIRMWARE CHANGES
55.01.02.Rev.02 1.6.11_R.30	2021.11.03	• 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 protcol functionality added. • Manual CAN Commands functionality moved to separate tab. • 120 Ohm resistor settings added for CAN, RS485 variants. • Last know position parameter added. • PDOP filter parameters added.	• 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 dispaly. 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	• 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.	• 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 *Request DA* parameter to Manual J1939 (availability to send request to specific adress). • Added *Payload* and *RTR* parameters to Manual CAN (availability to send requests with data). • Option to start Manual CAN commands on startup was added. • Added command .can_dbg:<1/0>, which turn on/off the additional CAN debug functionality.

55.00.09.Rev.08 1.6.11_R.14	2020.10.16	• 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.	• 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	• Optimized Digital Output tool tips; • Optimized UART panel title to be more accurate; • Removed duplicated I/O parameters; • Added RS485 Super Soco protocol;	• 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	• 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;	• 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		• 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;