TEXA

NAVIGATOR TXT MULTIHUB 2

SMARTER CONNECTIVITY

Single diagnostic interface able to scan cars, trucks, motorcycles, ATVs/UTVs, agricultural, construction and marine, while automaticially using multiple protocol and connection options.

NEW

4 CHANNEL CAN FD
FAST & POWERFUL CPU
BLUETOOTH SENSOR

TXT MULTIHUB 2

MULTIPLE ENVIRONMENT VEHICLE INTERFACE

Adapt to any vehicle connection when operating all of the TEXA IDC6 licenses.

BACKLIT DISPLAY

Easier Visual Connection Confirmation With More Than 40 Operation Messages

MORE PROTOCOLS

RP1210, CanFD, DoIP, K-L, J2534, J1708, J1850, J1939 Ethernet, WiFi, Bluetooth, USB

STAND ALONE LINUX

Automatically Switches Channel Bases for Vehicle Connection Greater Security Confirmation

CERTIFIED DURABLE

Rigid Use & Extreme Elements MIL810G Transit Drop Testing Category IP53 Protection Test

TEXA

NAVIGATOR TXT
MULTIHUB 2

TEXA IDC6 software communicates with TXT Multihub 2 providing greater software reliability, flexible vehicle coverage and software security.

PROTOCOL CONNECTIVITY

TEXA advanced diagnostics easily adapt to any vehicle connection by operating the TEXA IDC6 software licenses with the TXT Multihub 2, to provide a versatile multi-brand modular diagnostic environment.

- CAN - 2 High Speed
- CAN_FD - 2:2016 4 Chanel
- CAN - 3 LOW Speed
- CAN - Single Wire
- SAE J2534-1
- SAE J1708
- SAE J1939
- SAE J1850 PWM
- SAE J1850 VPW
- RP1210
- UDP/TCP ISO 13400 (DoIP)
- Blink codes
- K, L (with current protection 100 mA)
- ISO9141-2, ISO14230
- CAN ISO11898-2 High Speed
- Second ISO11898-2 CAN channel
- CAN ISO 11898-3 LOW Speed
- CAN SAE J2411 Single Wire

INTERFACE OPTIONS

The built-in backlit display visually confirms functioning modes, so techs can confidently confirm connection status and vehicle system battery voltage at a glance during diagnostic procedures like module programming.

- USB: USB 2.0 host type A max 1 A out
- USB DEVICE: USB 2.0 device type B (priority connector)
- Bluetooth communication: BT 5.0 (BDR/EDR/LE1M)
- WiFi communication: WiFi IEEE 802.11 b/g/n 2.4GHz
- Ethernet Connection: Category 6

- Operational band: 2400 ÷ 2483.5 MHz
- Radio frequency power: 10 dBm (2400 ÷ 2483,5 MHz)
- DIAGNOSIS: DSUB-26HD (ISO 22900-1)
- DoIP: RJ45 (UDP/TCP 13400)
- Electronic switch: 2-way, 13 independent positions
- Control units reprogramming connector: PV (SAE J2534-1)

WIFI CONFIGURATION

Two wireless connection choices for WiFi configuration. Depending on the internet environment available, this choice is a useful option when a fast WiFi connection speed is not available, but the diagnostic procedure requires greater speed for the TEXA IDC6 software connection to vehicle system.

STATION

Configuration using WiFi network or smartphone wireless network connection. This option guarantees quicker exchange of data between the IDC5 software.

HOTSPOT

Configuration using Point-To-Point wireless connection to Display Tool. Useful when only hardwire connection is available and diagnostic operation requires greater speed.

TECHNICAL SPECS

This new advanced hardware was developed to manage the increasing complexity of vehicle systems and their considerable amount of processed diagnostic data. The smarter onboard Linux OS automatically switches channels based on vehicle connection or diagnosis.

Main processor:
- Type: iMX6 1 GHz
- RAM: 512 MByte
- Mass Storage: eMMC 8 GByte

Coprocessor:
- STM32H735IGK6 550 MHz
- RAM: 2 MByte SRAM, 32 MByte SDRAM
- Flash: 2 MByte

Power supply connector:
PWR: 2.1 DC jack

Power supply: 12 – 24 Vdc (from vehicle battery via OBD connector or specific wirings)

User interface:
Display OLED 64×128 dot

Size [mm]: 176,1 x 175,4 x 46,8

Weight: 600 g

IP protection level: IP53
With properly closed protective caps

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