



DEFY DIAGNOSTICS

NAVIGATOR TXT MULTIHUB

# SMARTER CONNECTIVITY

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

## 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



- MAIN MESSAGES:
- TYPE OF COMMUNICATION
  - USB
  - BLUETOOTH
  - V1-FI (STATION CONF ID)
  - V1-FI (HOTSPOT CONF ID)
- VEHICLE BATTERY CHARGE INDICATOR
- OPERATING STATUS
  - BATTERY
  - DIAGNOSTICS
  - OBDP
  - OBDP ETHERNET
  - PASSTRU

### 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





# NAVIGATOR

# TXT MULTIHUB

TEXA IDC6 software communicates with TXT Multihub 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, to provide a versatile multi-brand modular diagnostic environment.



- RP1210
- Can FD
- SAE J2534-1
- SAE J1708
- SAE J1939
- SAE J1850 PWM
- SAE J1850 VPW
- 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 important 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: Bluetooth 5.0 (BDR/EDR/LE)
- 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 IDC6 software.



### HOTSPOT

Configuration using Point-To-Point wireless connection to Display Tool. Useful when only hardware 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 and type of diagnosis.



#### Main processor:

- Type: iMX6 1 GHz
- RAM: 512 MByte
- Mass Storage:

eMMC 8 GByte

#### Coprocessor:

- Type: STM32F439 168 MHz
- RAM: 2 MByte SRAM, 8 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 64x128 dot

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

Weight: 600 g

IP protection level: IP53

With properly closed protective caps

