

## VEHICLE COMMUNICATION INTERFACES

### TC XS VCI WITH MODULAR CONNECTIVITY TO VARIOUS HOST SYSTEMS



#### POSSIBILITIES:

- Mobile application in:
  - workshops & service
  - development
  - production
- Safe and fast Flash programming (also wirelessly)
- Remote access in the test drive (diagnosis and data logging)
- Future-proof technology with DoIP (ISO 13400)
- Use at 12-24V vehicles

#### HOW:

- Protocol processing in the VCI:
  - ⇒ D-PDU-API, ISO 22900-2
  - ⇒ Passthru SAE J2534
- Independent channels:
  - ⇒ CAN
  - ⇒ ISO 9141
  - ⇒ Ethernet
- Modular communication to the diagnosis tester via special caps:
  - ⇒ USB
  - ⇒ Ethernet
  - ⇒ WLAN IEEE 802.11 a/b/g/n
  - ⇒ Bluetooth
  - ⇒ UMTS/LTE
- Integrated Web server
- Docking station for configuration and VCI self-test possibility

# TC XS

Compact, high-performance interface for communication with the vehicle electronics

## TC XS

Diagnosis & telematic VCI for vehicles in production & service environment

## TECHNICAL DATA

### General:

- Dimensions: appr. 136 x 48 x 25mm (meets the ISO 15031-3 requirements rel. to OBD construction)
- Weight: appr. 150gr.
- CPU: Freescale MPC5123 with 400 MHz
- RAM: 256MB DDR RAM
- Memory: 16MB NOR + 4GB SD Card
- 8-32V via OBD interface
- Nominal power: appr. 3.5W
- Enter key on the front side
- Sounder (appr. 80dB, 3600Hz)
- 4 LEDs each on the front- & back side of the VCI
- Operation temperature: -20°C ... +40°C
- Storage temperature: -20°C ... +85°C
- Certifications: CE, FCC, ETL Listing

### Connectivity:

- USB: 2.0 High Speed (480Mbit/s)
- LAN: 802.3u Fast Ethernet (100Mbit/s)
- WLAN: 2.4 / 5GHz, 802.11 a/b/g/n 2T2R (300Mbit/s)
- OBD interface (conform to ISO 15031-3)
- Bluetooth version 2.1, Class 1 (up to 100m)
- 3G: GSM (850/900/1800/1900MHz), UMTS (900/2100MHz) – up to 21Mbit/s download & 5.7Mbit/s upload
- 4G: LTE
- CAN-HS, CAN-LS, K-Line, L-Line

### Contact:

ACTIA I+ME GmbH  
Dresdenstr. 17-18  
38124 Braunschweig  
Germany

Tel.: +49 (0) 531 38 701 0  
Fax: +49 (0) 531 38 701 88  
E-Mail: [info@ime-actia.de](mailto:info@ime-actia.de)  
Web: [www.ime-actia.com](http://www.ime-actia.com)



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