![ACTIA® logo]

ACTIA I+ME GmbH

CORE XS
Vehicle Communication Interface

HIGHLIGHTS

- Tethered or wireless communication
- 12 or 24 on-board voltage
- Supports CAN FD, CAN, K/L and DoIP
- High performance CPU core + flexible FPGA
- Stand-alone capable

- Adaptable pinning via internal multiplexer
- SW-support for ISO 22900-2 (D-PDU API), SAE J2534, RP1210C
- Configuration via web server
- Galvanic isolation

CORE **XS**

TECHNICAL DATA

<table>
<tr><td>Dimensions</td><td>156 x 85 x 37 mm</td></tr>
<tr><td>Weight</td><td>340 g</td></tr>
<tr><td>Operational temperature</td><td>-20 °C ... + 70 °C</td></tr>
<tr><td>Storage temperature</td><td>- 40 °C... + 85 °C</td></tr>
<tr><td>Housing</td><td>Plastic ABS/PC</td></tr>
<tr><td>Connectivity CPU</td><td>800 Mhz ARM</td></tr>
<tr><td>Memory</td><td>8 GB Flash | 512 MB RAM</td></tr>
<tr><td>Bluetooth</td><td>4.0</td></tr>
<tr><td>WLAN</td><td>Internal 2-stream 802.11 a/b/g/n (2,4/5 GHz)</td></tr>
<tr><td>USB</td><td>2.0 High-Speed</td></tr>
<tr><td>Ethernet</td><td>10/100</td></tr>
<tr><td>CAN</td><td>2 x independent with FD option, 1 x lowspeed capable</td></tr>
<tr><td>K / L-Line</td><td>2 x independent UART with 12/24 V support</td></tr>
<tr><td>DoIP Ethernet ISO 13400</td><td>☑</td></tr>
<tr><td>Internal multiplexer for all vehicle interfaces</td><td>☑</td></tr>
<tr><td>Analogue voltage measurement for battery & ignition</td><td>☑</td></tr>
<tr><td>Autom. detection for up to 64 different cable types</td><td>☑</td></tr>
<tr><td>Protocols</td><td>on request</td></tr>
</table>

hardware

interfaces

vehicle interfaces

Work smarter
to increase
safety & efficiency