

568WICD Wireless Interface CAN Devices

The 568WICD is a CAN to Wi-Fi bridge for interfacing a vehicle CAN bus with external devices. If a network access point is already available, the 568WICD can link up and reside as a node on that network. If no access point is available, the 568WICD will create an ad hoc network that can be used to pair with HMI Systems CANvis iOS app available from iTunes.

GUI's for a custom iOS app can be created with the CANcreate software then downloaded to the CANvis app on the mobile device. When running, the app can receive data from the 568WICD and display it on a phone or tablet. CANcreate is also used to store the application to the internal 4GB micro SD card. The application can be used without the app open and in operation on the mobile device to autonomously log data or monitor and respond to CAN messages.

The CANcreate software will easily design a custom app the allows OEM's to monitor or control any CAN message.

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features

- Wi-Fi certified 2.4 - GHz IEEE 802.11b/g transceiver
- FCC, CE, IC certified
- External 4" adjustable 1/4 wave whip antenna for increased gain up to 2.2dBi
- Supports ad hoc or infrastructure networking modes
- Secure Wi-Fi authentication via WEP, WPA-PSK (TKIP) and WPA2-PSK (AES) *1
- 1 CAN receiver
- Rugged enclosure with integrated Deutsch connector
- Internal 4 GB micro SD card for application and data logging
- Uses CANcreate software for application development
- Pairs with CANvis iOS app *2 for second screen support

Notes

*1 - Wi-Fi Authentication on AD Hoc network not currently available

*2 - Android support planned for Q2 2014



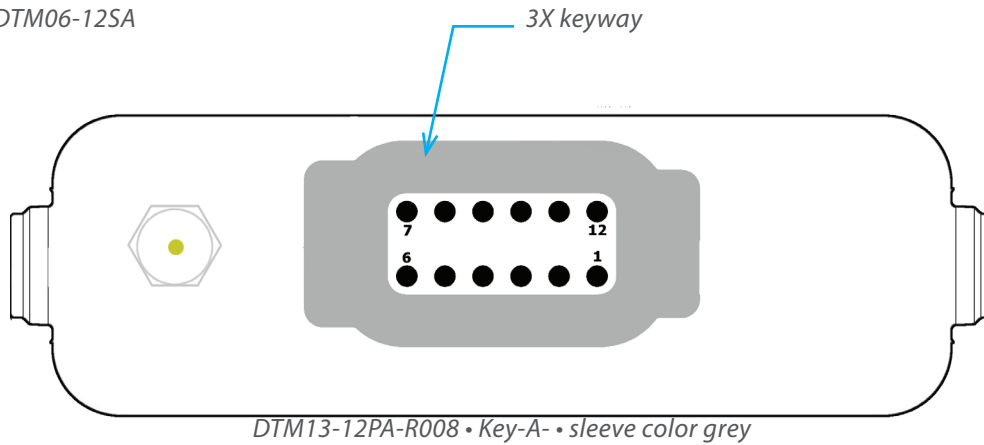
electrical specifications

	parameter	minimum	maximum	units
vin range	power supply range	7	32	V
I _q	current supply range @ 12VDC	-	50	mA
T _o	operating temperature range	-40	85	°C
T _s	storage temperature range	-55	85	°C

wiring connection

mating connector: DTM06-12SA

CAN-L - Pin 11
 CAN-H - Pin 12
 Vin - Pin 12
 Gnd - Pin 1



dimensional diagram

