

M-FLEX WIRELESS CAN CONNECT

The M-Flex Wireless CAN Connect enables rapid wireless CAN communication via Wi-Fi and Bluetooth. The module features robust housing for use in applications where a wired connection is unsuitable.



M-Flex CAN Bridge Modules are typically used for construction, agriculture and turf care equipment, utility and power sports vehicles, marine, military, outdoor power equipment and similar harsh environment applications.



FEATURES

- M-Flex Wireless CAN Connect allows remote bidirectional data exchange between your vehicle CAN bus and external interface, such as a smartphone or PC.
- Dashboard App Software is available for Android or PC client. Designed to quickly and easily to connect to the CAN bus for gathering a CAN trace, monitoring and controlling a device on the CAN.
- Designed for 12V and 24V applications.
- 2 Modes of operation: CAN-to-Bluetooth/Wi-Fi interface or Wireless CAN-to-CAN bridge.
- Wireless point-to-multipoint connections with up to 7 devices.
- Simultaneous Wi-Fi and Bluetooth data exchange.
- Supports Classic Bluetooth, Wi-Fi Mini Access Point, or external Wi-Fi infrastructure.
- Supports Connect by Name for exchangeable clients and Multi-talking to distribute incoming data to multiple peers simultaneously.
- Autobaud detection for 250-Kps and 500-Kps.
- SAE J1939 CAN 2.0A and CAN 2.0B compliant, CAN Open, NMEA 2000.
- Designed for severe duty, outdoor mobile applications.
- (2) M-12 style connector.
- IP67 rated (IP65 with external antenna)
- Certifications FCC, CE, E1

SPECIFICATIONS

5800 (internal antenna)

5801 (external antenna)

Specifications subject to change without notice. \ Revised 09.20

Supply Voltage	8-32VDC	8-32VDC
Max Current @ 24V	60mA (<1mA sleep mode)	60mA (<1mA sleep mode)
CAN Protocol	SAE J1939 CAN 2.0A and CAN 2.0B, CAN Open, NMEA 2000.	SAE J1939 CAN 2.0A and CAN 2.0B, CAN Open, NMEA 2000.
Ingress Protection	IP67	IP65
Indicators	(1) Dual Color LED	(1) Dual Color LED
Connector	(2) M12 connectors	(2) M12 connectors
Wi-Fi	IEEE 802.11 a/b/g/n Security: WPA2-PSK, WEP64, WEP128, PEAP	IEEE 802.11 a/b/g/n Security: WPA2-PSK, WEP64, WEP128, PEAP
Bluetooth	Classic Bluetooth Version 2.1 + EDR Serial Port Profile (SPP)	Classic Bluetooth Version 2.1 + EDR Serial Port Profile (SPP)
Antenna	Internal	External
Range Wi-Fi	246ft.	656ft.
Range Bluetooth	246ft.	328ft.
RS-232	Configuration + Firmware Update	Configuration + Firmware Update
Operating Temp	-30 to +75C	-30 to +75C
Weight (oz.)	2.0 oz.	2.0 oz.

DIMENSIONS

