



PEGATRON 84911790C Customer Facing WiFi Module Owner's Manual

[Home](#) » [PEGATRON](#) » PEGATRON 84911790C Customer Facing WiFi Module Owner's Manual 

Contents

- [1 PEGATRON 84911790C Customer Facing WiFi Module](#)
- [2 Product Information](#)
- [3 Product CFWM FEATURE SET](#)
- [4 Product CFWM IO Connector Placement](#)
- [5 Product Fcc Statement](#)
- [6 Product Usage Instructions](#)
- [7 CFWM IO Connector Placement](#)
- [8 CFWM FEATURE SET](#)
- [9 FCC STATEMENT](#)
- [10 Documents / Resources](#)
- [11 Related Posts](#)

PEGATRON

PEGATRON 84911790C Customer Facing WiFi Module



Product Information

CUSTOMER-FACING WI-FI MODULE (CFWM)

The Customer Facing Wi-Fi Module(CFWM) is a product that serves as a stripped-down version of Telematics & Network Gateway (TANG). The CFWM shares the same platform as TANG but with only 1 LTE modem and additional Bluetooth function. It runs on the public network side and interacts with customers providing exceptional in-car experiences. The module also serves as the communication anchor for IDCM(Internal Display Control Module) and the in-cabin displays to keep the infotainment system separate from the AV secure network while maintaining connectivity.

Product CFWM FEATURE SET

- The CFWM serves as the Wi-Fi hotspot for customers to allow high-speed streaming.
- The CFWM supports audio and video streaming between the AV and the customer's mobile devices.
- The CFWM also connects to Cruise cloud securely to run the speech recognition engine for voice assistance.

Product CFWM IO Connector Placement

- ComboD / CON6 QHFM-A LTE1+GNSS
- ComboD / CON2 QHFM-C WiFi
- ComboA / CON10 Aptiv AMEC 3port
- ComboB / CON9 Aptiv AMEC 8+2port
- ComboC / CON8 Molex MX150 20pin

Product Fcc Statement

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

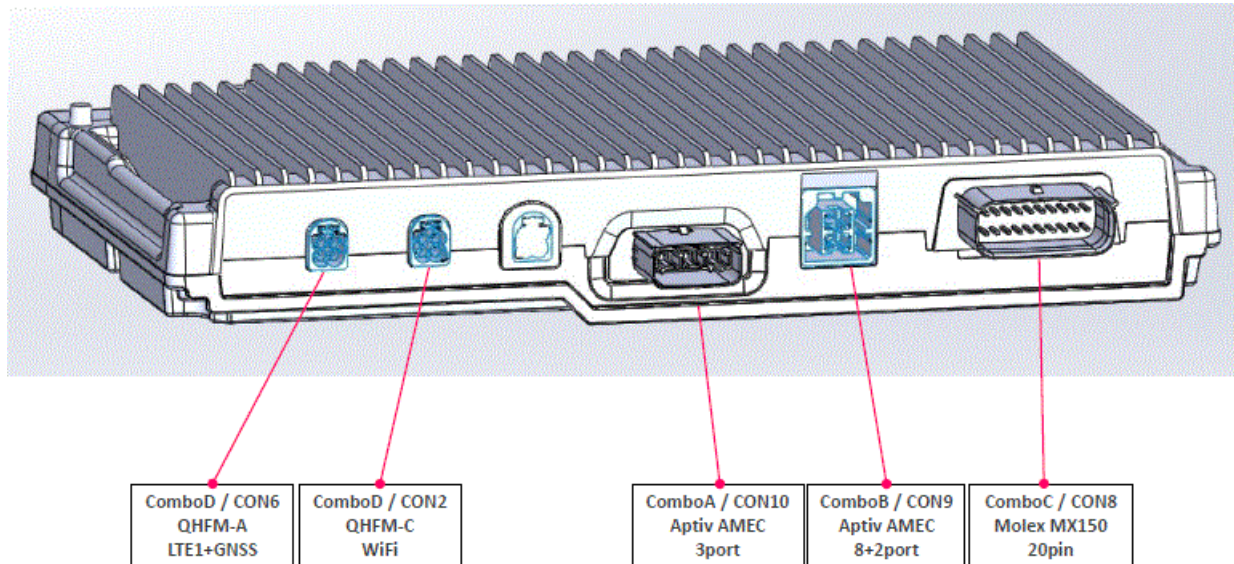
1. This device may not cause harmful interference
2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Product Usage Instructions

To use the CFWM, connect it to the appropriate IO connectors listed in the CFWM IO Connector Placement section of the manual. Once connected, turn on the device and it will serve as a Wi-Fi hotspot for customers to allow high-speed streaming. The CFWM supports audio and video streaming between the AV and the customer's mobile devices. To access these features, customers should connect their mobile devices to the Wi-Fi network provided by the CFWM. The CFWM also connects to the Cruise cloud securely to run the speech recognition engine for voice assistance. Please note that any changes or modifications not expressly approved by the responsible party for compliance may void the user's authority to operate this equipment.

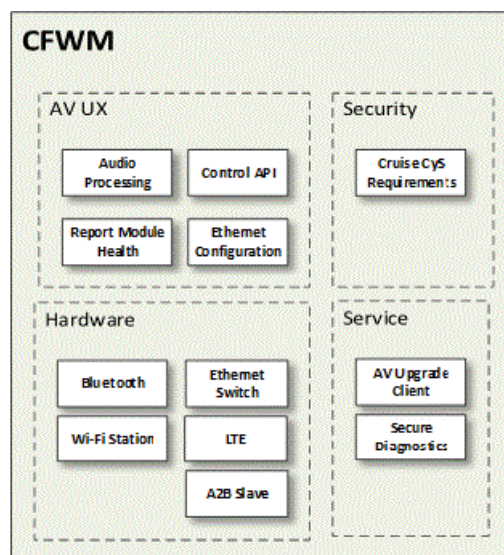
CFWM IO Connector Placement



CFWM FEATURE SET

The Customer Facing Wi-Fi Module (CFWM) is a stripped down version of Telematics & Network Gateway (TANG). The CFWM shares the same platform as TANG but with only 1 LTE modem and addition Bluetooth function. It runs on the public network side and interact with customer providing exceptional in-car experiences. The module also serves as the communication anchor for IDC (Internal Display Control Module) and the in-cabin displays to keep the infotainment system separate from the AV secure network while maintaining connectivity.

Key features



- The CFWM serves as the Wi-Fi hotspot for customers to allow high speed streaming.
- The CFWM supports audio and video streaming between the AV and the customer's mobile devices.
- The CFWM also connects to Cruise cloud securely to run the speech recognition engine for voice assistance.

FCC STATEMENT

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:


- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device meets all the other requirements specified in Part 15€, Section 15.407 of the FCC Rules. FOR PORTABLE DEVICE USAGE (<20m from body/SAR needed)

Radiation Exposure Statement

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. This equipment should be installed and operated with minimum distance 41mm between the radiator& your body.

Documents / Resources

	PEGATRON 84911790C Customer Facing WiFi Module [pdf] Owner's Manual VUI-CFWM, VUICFWM, 84911790C, 84911790C Customer Facing WiFi Module, Customer Facing WiFi Module, WiFi Module
---	--