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PEGATRON

PEGATRON 84945296C IO Connector User Manual

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Contents
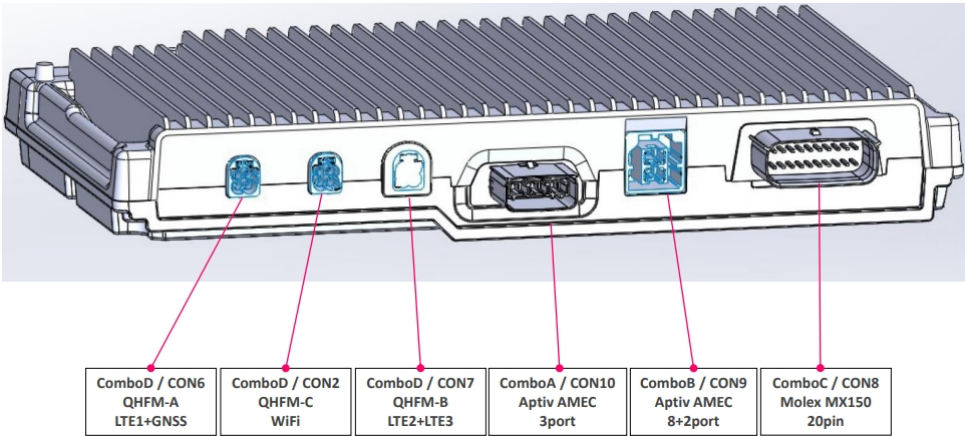
IO Connector Placement

ComboD / CON6 QHFM-A LTE1+GNSS	ComboD / CON2 QHFM-C WiFi	ComboD / CON7 QHFM-B LTE2+LTE3	ComboA / CON10 Aptiv AMEC 3port	ComboB / CON9 Aptiv AMEC 8+2port	ComboC / CON8 Molex MX150 20pin

TANG FEATURE SET

The Telematics & Network Gateway (TANG) provides the AV next-gen connectivity to the outside world through WiFi, cellular, and GPS connectivity.
The TANG securely and reliably connects the AV to Back Office, Remote Assistance, and Customer Support. It has regional SKUs to be compliant around the world and connects directly to emergency services in eCall countries.
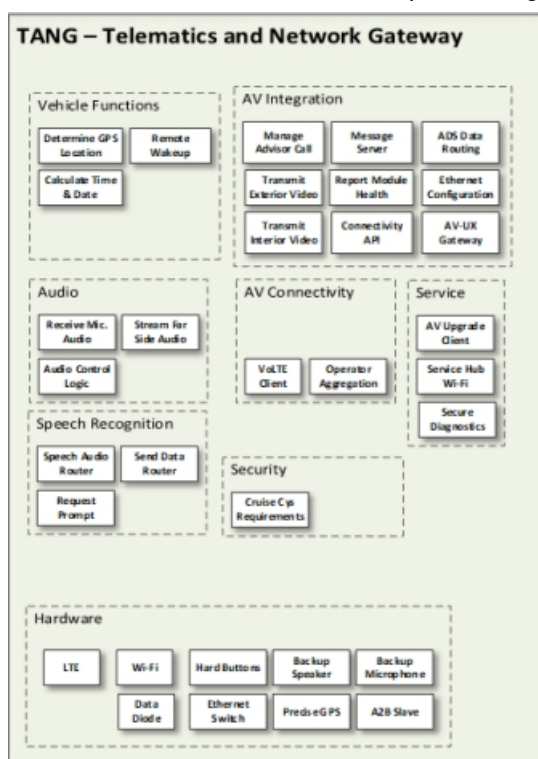Driving Principles

- **Security**
  - TANG is one of the major interfaces between the AV and the outside world. Security is the number one priority.
  - Firewalls and separate switches restrict traffic from less trusted interfaces (cellular, wifi,) to more trusted interfaces.
- **Safety**
  - TANG keeps Cruise and the AV safe through its security implementations and by serving as a firewall between the "clean/private" and "dirty/public" vehicle networks.
  - TANG is built as an emergency calling device in North America and adhering to the eCall standard in relevant global regions.
- **Simplicity**
  - TANG excels at connectivity and communication. It is not weighed down with unnecessary applications or functionalities like audio-video processing or direct vehicle controls.

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.
Operations in the 5.15-5.25GHz band are restricted to indoor usage only.
This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

FOR MOBILE DEVICE USAGE (>20cm/low power)
Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Documents / Resources

	PEGATRON 84945296C IO Connector [pdf] User Manual TANG, VUI-TANG, VUITANG, 84945296C IO Connector, 84945296C, IO Connector, Connector