Intrepid’s RAD-Moon 2 is the most advanced Ethernet media converter for Automotive Ethernet applications. Using the RAD-Moon 2, you can convert from 100BASE-T1 Ethernet to 100BASE-TX or 1000BASE-T1 to 1000BASE-TX. This is useful for connecting a PC to a 100/1000BASE-T1 host or switch.

The RAD-Moon 2 is housed within small but rugged enclosure perfect for carrying in your laptop bag.

Using the RAD-Moon 2 as a media converter.

Media Converter Mode

The RAD-Moon 2 can act as a media converter, allowing a PC to interact with 100/1000BASE-T1* ECUs. This allows you to simulate nodes or perform direct diagnostics or ECU flashing.

Features

• 100/1000BASE-T1 via Marvell 88Q2112 PHY
• Programmable membrane label with LEDs to show PHY and network status
• Membrane switches allow switching between 100BASE-T1 and 1000BASE-T1, and selecting master, slave or automatic PHY configuration
• Uses the TE MATEnet connector specially designed for 1000BASE-T1
• View network activity on a bar graph
• 4.5-40V power range, compatible with in-vehicle power
• Ruggedized USB Type-C connector for power, configuration and PHY register monitoring
• Physical Layer Testing and Debugging including packet generator, cable tester, CRC Error counter, Link and Signal quality measurement

RAD-Moon 2 powered from USB Type-C or barrel jack.

* Can also be used with BroadR-Reach®.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>RAD-MOON2</td>
<td>100/1000BASE-T1 Media Converter</td>
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