

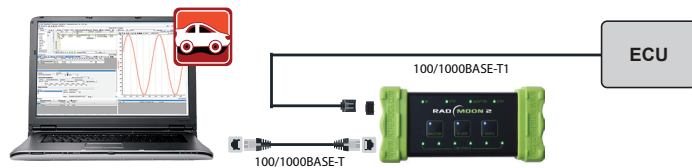
RAD-Moon 2

100/1000BASE-T1 Media Converter

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-T or 1000BASE-T1 to 1000BASE-T. This is useful for connecting a NIC or compute to a 100/1000BASE-T1 host or switch.



The RAD-Moon 2 is essential for any lab bench, but its compact and rugged design also makes it well suited for the harsh environment of in-vehicle use.



Using the RAD-Moon 2 as a media converter.

Features

- 100/1000BASE-T1 via Marvell 88Q2220M PHY
- Programmable membrane label with LEDs to show PHY and network status
- H-MTD or TE MATEnet connector available
- 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

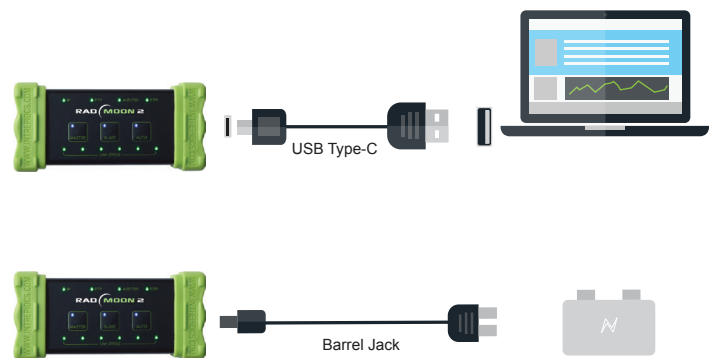
Media Converter Mode

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.

Ordering Information

Part Number	Description
RAD-MOON2	RAD-Moon 2 Media Converter (Marvell 88Q2112 for legacy support)
RAD-MOON2-2220M	RAD-Moon 2 Media Converter with TC10 and MACsec (Marvell 88Q2220M)

Specifications subject to change; please contact Intrepid for the latest information. All trademarks are the property of their respective owners.



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

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