

SideBridge-RAP – Red Side, Wired

SBRAP-EU-R05



General Description

The SideBridge-RAP Red Side, Wired fits directly onto the red side connector of the PRC-117G radio. This version of the SideBridge-RAP provides simplified wired connectivity to the radio in place of the typical Bluetooth/WiFi connections available on other SideBridge models. The wired interfaces include Ethernet, serial and USB connections to the radio. With SideBridge-RAP, the user can make a single connection between the PRC-117G and a network switch to easily access the radio's various interfaces. The RAP eliminates the need for multiple extra cable connections and devices for communication, storage and configuration of the radio.

The SideBridge-RAP is an ideal complement to the PRC-117G for vehicle and aircraft communications. Users can securely connect over the network interface for all types of data transmission with the radio. The RAP module is a slim, rugged metal enclosure with status LED and waterproof, external Ethernet and USB connectors.

SideBridge-RAP (SBRAP-EU-R05)



SideBridge-RAP Features and Benefits

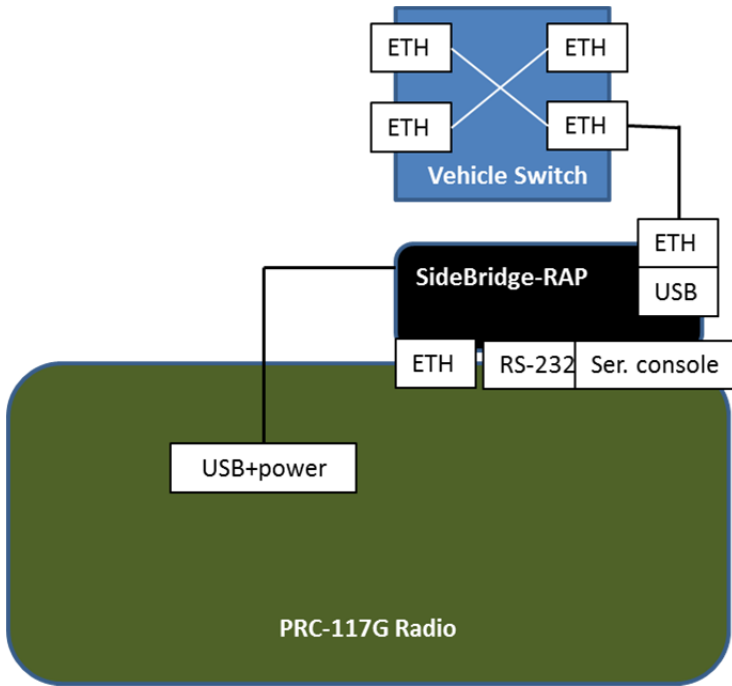
- Secure, wired connectivity to the various interfaces of the PRC-117G.
- Simplifies connectivity to the radio through a single Ethernet connection.
- Directly connects to the red side (J3) connector with Ethernet and two serial interfaces. Integrated cable connects RAP to radio battery power and USB (J4) connector.
- Access to the radio as a USB storage device (J4) to easily load files on the radio.
- Rugged, waterproof enclosure with external Ethernet and USB ports

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SideBridge-RAP Connection Diagram



SideBridge-RAP – Red, Wired Specifications

Radio Connections	Ethernet, RS-232, Serial Console, USB+power (J4)
External Ethernet Port	Glenair 801-033-07M6-4SA
External USB Port	Glenair 807-216-07ZNU6-6DY
Status LED	Illuminates yellow on boot up
Power Consumption	<1 Watt, typical
Weight	170 grams
Size	58mm x 75mm x 24mm
Operating Temperature	-40°C to +85°C
Shock and Vibration	2 meter drop
Water/Dust Protection	IP68

For more information about SideBridge and DataSoft see: www.datasoft.com

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