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WIRELESS INDUSTRIAL SOLUTIONS

Wireless LAN

OEM RS232 Module Adapter III
with Wireless LAN module
OWSPA311gi

OEM RS232 Module Adapter III

The OEM Module Adapter III is a development tool designed for easy interfacing the OEM Serial Port Adapter products from connectBlue.

The electrical interface of the OEM products consists of a 2x30 1mm pad-area that can be tricky to interface with. To simplify interfacing and quickly get started, connectBlue has developed the OEM Module Adapter III which consist of:
• Connector for connectBlue Bluetooth or Wireless LAN modules
• Male 9 pole D-Sub connector for the RS232 interface of the OEM products
• 2,1mm pin power connector
• Restore switch
• Function switch
• RGB LED indicating module status

See the AT commands specification manual for the Serial Port Adapters for further information about the functionalities.
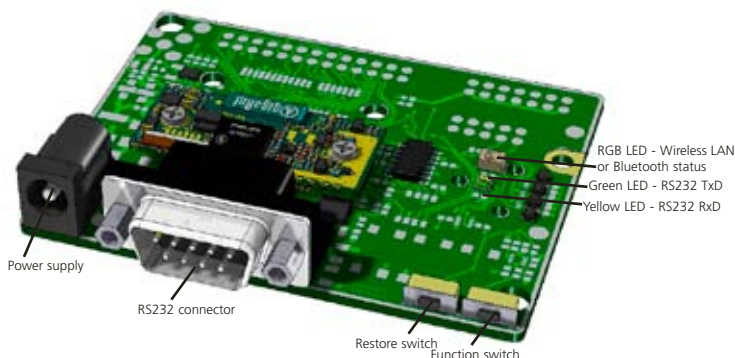
Technical Data

TECHNICAL DESCRIPTION

Power Supply	5 V DC

DC Jack

RS-232
Serial port connector
1 - NC
2 - RD
3 - TD
4 - DTR
5 - GND
6 - DSR
7 - RTS
8 - CTS
9 - NC

Dimensions   76x58 mm

RGB LED - Wireless LAN or Bluetooth status
Green LED - RS232 TxD
Yellow LED - RS232 RxD
Power supply
RS232 connector
Restore switch
Function switch

ASSEMBLE INSTRUCTIONS

The OEM RS232 Module Adapter III is assembled together with the connectBlue OEM products via M2 screws. During assembly, the wireless modules shall be placed as shown in the images below. The wireless modules availble to be used with the OEM RS232 Module Adapter III are Bluetooth modules OEMSPA310, OEMSPA311/331, OEMSPA312/332, OEMSPA333 as well as Wireless LAN module OWSPA311g.

2 x M2 screws
Antenna side (Internal antenna or U.FL. connector)
OEM Serial Port Adapter
Flexfilm or JST (Wire) connector (Optionally not mounted)
OEM Module Adapter III

connectBlue™

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