B102460 Bluetooth RS232 Adapters

Features
- Bluetooth pairing and unpairing tools
- Integrated antenna
- Bluetooth Class 1 Radio
- Data encryption
- Automatic Bluetooth connection
- Support Microsoft Windows Bluetooth COM port
- Open end RS232 interface
- LED indicator
- Configuration via Bluetooth

Specifications

Bluetooth	Bluetooth v2.1 + EDR
	Class 1 Radio
RS232	Connector: Open end
	Baud rate: 1200bps to 115200bps
	Parity: Even, Odd, None
	Data length: 8-bit
	Stop bits: 1-bit, 2-bit
Power	3.6v to 5v 100mA DC via red wire

System Requirements
Configuring Bluetooth adapters on a PC requires:
- Microsoft Windows 8, Windows 7, or Windows Vista.
- eeTerminal (download from www.devicefunctions.com).
- Bluetooth connection to PC.

LED Indicator - Bluetooth connection

Status	LED Flash Rate
Connected	Solid on
Waiting for connection	Once per second
Configuring	10 times per second

Connector Pin Descriptions

Color	Definition
Red	3.6v – 5v 100mA DC power
White	Rx
Green	Tx
Black	GND

Configuration

You have 60 seconds to start configuration via Bluetooth after power on. Start eeTerminal, then power on Bluetooth adapter. Bluetooth connection to PC is required.

Step 1   Start configuration
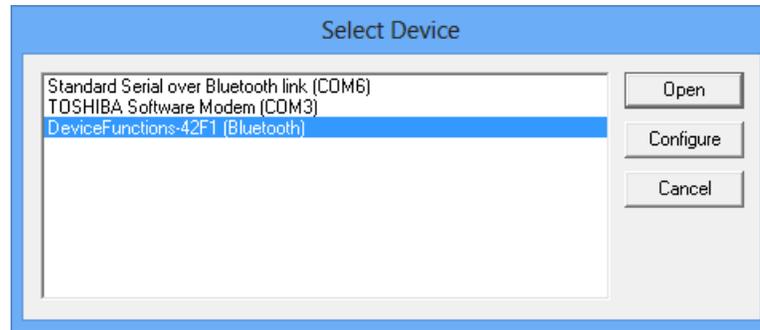
Fig 1

Click *File* from eeTerminal's menu bar and click *Open Device*. A *Select Device* window, Fig 1, will popup in a few seconds with a list of devices. You may need to repeat this process until your Bluetooth adapter is found. Turn off Bluetooth adapter then turn on if 60 seconds passed.

Select your Bluetooth device from the device list and click *Configure* button. A *Bluetooth Settings* window, Fig 2, will popup in a few seconds. If there is no *Bluetooth Settings* window, turn off Bluetooth adapter and start from beginning.
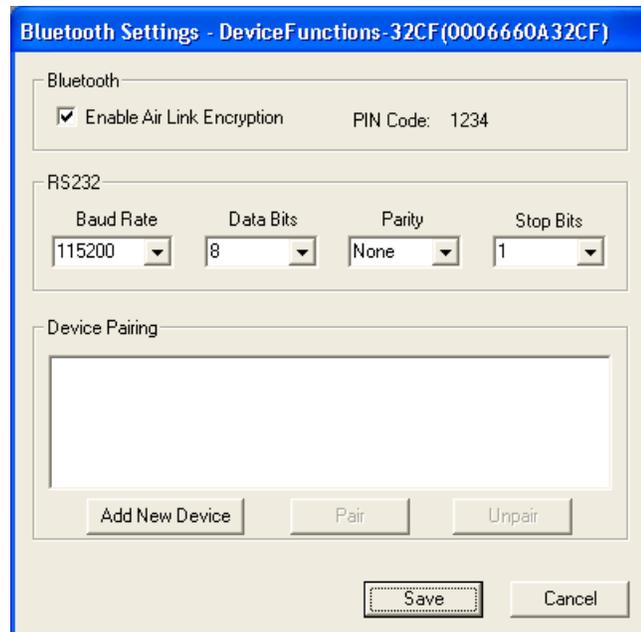
Fig 2

Step 2   Configure Bluetooth adapter

- Encryption support is always enabled. The paired device must also support link encryption in order to set an encrypted connection.
- Authentication pin code is 1234. Authentication is turned off by default. You may need this code when pairing with other devices, such as PC.
- RS232 settings. Set serial port's baud rate, parity, and stop bits.
- Device Pairing. In order to make a Bluetooth connection, two Bluetooth devices must be paired. Click *Add New Device* button. Visible Bluetooth devices in range will be listed in a few seconds. You may need to click *Add New Device* multiple times to find Bluetooth devices. Select a Bluetooth device and click *Pair* button. **NOTE: You can only unpair this adapter using USB adapter H0087135 after you save the pairing information.**
- Device Unpairing. Click *Unpair* button if enabled to erase pairing information.

Step 3   Save Bluetooth adapter's settings

Click *Save* button to save new settings or click *Cancel* button to cancel any modifications. The new settings will take effect immediately once saved.

Accessories

eeTerminal
Configure, read, and write Bluetooth adapters. Upload/download files.
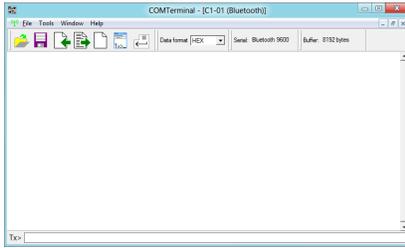
Environmental Conditions

Operating temperature range	0 ℃ TO +55 ℃
Storage temperature range	-20 ℃ TO +70 ℃
Relative humidity	0% to 90%, non-condensing