

II Main technical index of interface module

- 1) Operating frequency: 2.402~2.480 GHz
- 2) Communication distance: 100m
- 3) Operating temperature: -10~+55°C
- 4) Bluetooth protocol: BluetoothV3.0
- 5) Communication speed: 115200bps
- 6) Antenna Type: Integrated
- 7) Antenna GAIN: 0.5dBi Max

III Installation of interface module

Take BTP-R681 as an example. Ensure that the power of the printer is off and connect as shown in figure 2. Plug the interface module into the printer according to the arrowhead and fix them with screws.

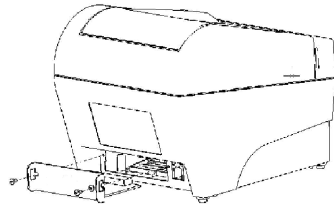


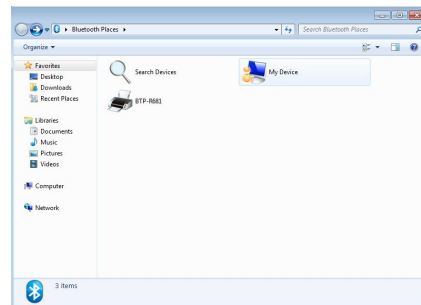
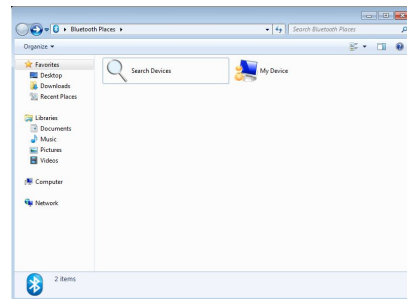
Figure 2

IV Connecting method

Take BTP-R681 as an example. The JK-B02 Bluetooth interface module has been installed onto the printer. The Bluetooth adapter has been inserted in the host computer and the host computer has installed the Bluetooth driver matching with the adapter. After powering on the printer and the Bluetooth of host computer starts, the interface in Figure 3 will show.

1. Search printers

In the interface of Figure 3, double-click the "Search Devices". After finishing the search, the icon of "BTP-R681" printer will show (see Figure 4).



2. Search communication port

In the interface of Figure 4, double-click the searched "BTP-R681" icon, the Bluetooth software will search the Bluetooth communication port automatically. After the search ends, the interface in Figure 5 will show.

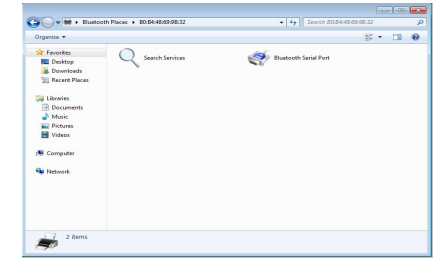


Figure 5

3. Connect communication port

In the interface of Figure 5, double-click the searched "Bluetooth Serial Port" icon and then the Bluetooth communication between host computer and printer will be built (see Figure 6).

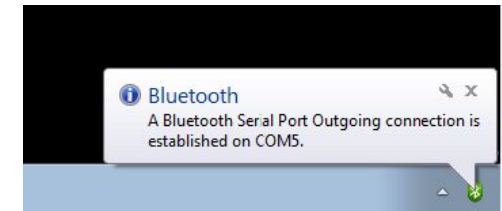


Figure 6

4. Connect communication port successfully

After connecting the communication port successfully, the prompt in Figure 7 will show at the lower right corner of the screen. At the same time, the color of Bluetooth icon will become green from blue.



Figure 7

V Realizing functions

After operating according to the above steps successfully, then we can carry out the Bluetooth serial port connection between host computer and printer and carry out various operations on the printer.

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IMPORTANT NOTES

Co-location warning:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

OEM integration instructions:

This device is intended only for OEM integrators under the following conditions:

The antenna is integrated and the transmitter module may not be co-located with any other transmitter or antenna. The module shall be only used with the antenna(s) that has been originally tested and certified with this module.

As long as 3 conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

Validity of using the module certification:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization for this module in combination with the host equipment is no longer considered valid and the FCC ID of the module cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

End product labeling:

This transmitter module is authorized only for use in device where the antenna without any change. The final end product must be labeled in a visible area with the following: "Contains Transmitter Module FCC ID: 2AEQL-JK-B02".

Information that must be placed in the end user manual:

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as show in this manual.

Operation Guide

I Structure of interface module

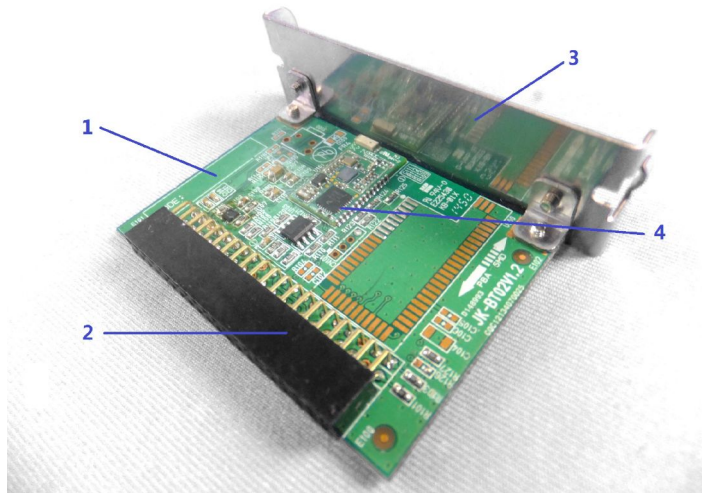


Figure 1

As shown in Figure 1, the main parts of interface module are:

- 1 –Control board
- 2 -- 40P DIP
- 3 –Interface baffle
- 4 –Bluetooth communication module