



DONGEL Module 2.4G

User's Manual

Revision 01

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1 General description

The "RF Module 2.4G" is an end-point device of a general use wireless network application. It enables implementation of a transparent link of data transmission from a PC to any remote RS232 terminal. It also enables transmission of discrete signals to and from a PC application, The wireless network of point to multipoint topology shall include single RF Dongle 2.4G device and up to 5 RF Sensor devices.

2 Device Operation

The RF Module Sensor 2.4G device is intended for use as an end-point device in a wireless network constructed of at least one RF Dongle 2.4G device and 1 to 5 RF Module Sensor 2.4G devices.

3 Detailed Device Description

The dongle connected to the PC on the USB port. Use the application to perform a peering between the DONGLE and the SENSOR.





4 Operational Characteristics

Operating Temperature:

-10 to +45 °C

Tx/Rx frequency Range:

2400 – 2483 MHz

Output Tx power:

+1dBm

Internal Antenna Gain:

+5.5dBi max.

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.



5 FCC part 15 statement and warnings

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.

Warning!

Changes or modifications to this equipment not expressly approved by the Kodak IL LTD could void the user's authority to operate the equipment.

Warning!

This product was tested without special accessories (shielded cables and/or special connectors or other), which must be used with the unit to insure compliance.