

UIS

User Manual

WFM-220

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1. Overview

WFM-220 is a wireless communication modem based on IEEE802.11, which can be widely used in home automation and security, automatic meter reading, factory automation, toys and so on.

2. SPECIFICATION

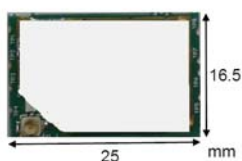
UIS/Wireless RF Module	
Model No.	WFM-220
General Specification	
Specification	2.4-GHz IEEE 802.11 Compliant RF Transceiver
Transmit Frequency	2412MHz to 2462MHz
WiFi	b/g/n
Programmable Output Power	Up to 20 dBm
Operation Voltage	2.0V~3.6V
Environmental	
Operating Temperature	-10°C to 70°C
Storage Temperature	-40°C to 85°C
Humidity	90% RH Max., Non-Condensing
Mechanical Specification	
Dimension (WxHxD, mm)	25x16.5x3

3. Pin Assignment



Pin	Name	Description	direction
1	TP1	3.3V	-
2	TP2	GND	-
3	TP3	GND	-
4	TP4	GND	-
5	TP5	GND	-
6	TP6	D+	I/O
7	TP7	D-	I/O
8	TP8	3.3V	-

4. Dimension



The OEM integrator has to be aware of not providing information to end users regarding how to install or remove this RF module in the user manual of the end product. The user manual which is provided by OEM integrators for end users must include the following information in a prominent location.

Label for the end product must include "Contains FCC ID: XBTWFM-220" or "A RF transmitter inside, FCC ID: XBTWFM-220"

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.