PCM-24BXWF

Modular iDoor Box with Wi-Fi, Bluetooth, and Antennas

Features

- Modular iDoor box design facilitates plug-and-play installation and upgrades
- Built-in wireless Wi-Fi module supports M.2 2230 industry-standard connectors
- Compliant with relevant industry standards (CE RED, FCC ID, etc.) for safe and adaptable application

Introduction

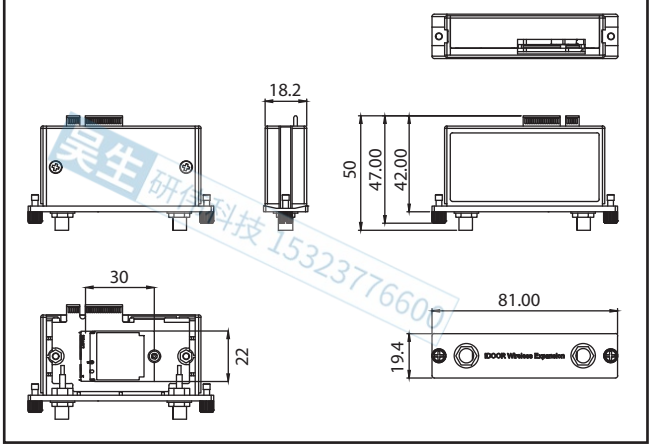
The PCM-24BXWF iDoor box is a combination wireless module designed for convenient installation, repair, and upgrades in management and machine-level automation applications. The plug-and-play design supports Wi-Fi/BT M.2 2230 form factor connectors. Utilizing Advantech's iFactory app, this multiple-band wireless solution supports Windows and Linux operating systems for flexible installation.

Specifications

Dimensions	81 x 19 x 50 mm (3.1 x .76 x 1.9 in)
Hardware Compatibility	Compatible with PCM-24BXBK-AE pre-installed system
Wireless Module	Advantech EWM-W163M201E Wi-Fi/BT M.2 2230 module with Atheros QCA6174A-5
Standard Conformance	IEEE 802.11 ac/a/b/g/n + Bluetooth 4.2 HS standard
Data Rate	300 Mbps max.
Antenna	Wi-Fi 2.4 ~ 5GHz dipole antenna
OS Support	Windows 7/8/8.1/10 Linux drivers are available for download from third-party websites using an open source code (ath10K for Wi-Fi, ath3k for BT functionality)
Operating tTemperature	-20 ~ 60 °C (-4 ~ 149 °F)
Relative Humidity	95% RH @40 °C, non-condensing

Dimensions

Unit: mm



Regulation

PCM-24BXWF employs an Azurewave QCA6174A module and complies with relevant regulations.

Ordering Information

- **PCM-24BXWF-AE** iDoor box with 802.11 a/b/g/n/ac 2T2R w/BT4.1, QCA6174A, and antennas

All product specifications are subject to change without notice.

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