

Communication Module

Product Manual

Introduction

With the Communication Module in place, you can operate and manage your compatible smart camera device directly through the app on your mobile device. Enabling the cameras to transmit data wirelessly.

Safety at a Glance

Carefully read this entire document and all relevant safety guidelines before use.

Parts Description



1. Antenna
2. USB-C Connector
3. USB-C Charging Port

Setup Procedure

1. Align the USB-C connector of the Communication Module with the USB-C port on the compatible smart camera device, then insert it securely.
2. Use a screwdriver to tighten the fixing screw. Verify that the screw is fully tightened.

Usage

Once the Communication Module has been installed, proceed with the steps outlined below to establish a connection between the compatible smart camera device and your mobile

device:

1. Switch on the compatible smart camera device.
2. Activate Bluetooth and Wi-Fi on your mobile device, and turn on Location Services.
3. In the app, select Connect on the main screen, and refer to the in-app prompts to finish the connection.

⚠	● Do not apply excessive force to the antenna to prevent structural damage. If the antenna is slightly bent or tilted, gently adjust it by hand. Be careful not to over-bend it. ● If the compatible smart camera device cannot connect, verify that the fixing screw is firmly tightened, then restart the compatible smart camera device. ● This product does not support hot-swapping. Verify that the module is fully and securely installed before powering on the compatible smart camera device. ● Once installed, the compatible smart camera device can be charged directly through the USB-C port on the Communication Module, or connected to a computer, without removing the module. ● This product only supports WiFi hotspots and does not support network routing. ● When using this product, must be installed on a camera and at a distance of more than 20cm from the human body.
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Specifications

Communication Module (Model: WNBBZCA)	
Wi-Fi Protocol	IEEE 802.11 a/b/g/n/ac/ax
Operating Frequency & Transmit Power (EIRP)*	2.400 GHz to 2.4835 GHz:<20 dBm (FCC) 5.725 GHz to 5.850 GHz:<26 dBm (FCC)
Bluetooth Protocol	Bluetooth 5.4
Operating Frequency & Transmit Power (EIRP)*	2.400 GHz to 2.4835 GHz:<10 dBm

* Supported frequency bands and available ranges vary by country/region. Please refer to local regulations.

FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: Communication Module

Model Number: WNBBZCA

Responsible Party: Picus Advisors US LLC

Responsible Party Address: 5855 SOVERIGN DRSTE B-1, HOUSTON, TX 77036 United States

Website: ivan.wang@picus.fi

We, Picus Advisors US LLC, being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations.

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

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 Exposure Information

The aircraft complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.