

Smart Connect Mini user manual

Compliance statement Smart Connect Mini and Smart Eye Mini

Smart Connect Mini

Contains FCC ID XMR201707BG96

Contains FCC ID 2AOF-P-E0048

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.

Smart Eye Mini

Contains FCC ID 2AOF-P-E0048

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.

if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module, Contains FCC ID: 2AOF-P-E0048.

Information to user

if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module, Contains FCC ID: 2AOF-P-E0048.

Caution: any changes or modifications not expressly approved by Anticimex Innovation Center A/S will void the user's authority to operate the equipment.

This equipment has been tested using a shielded network cable (STP). The Smart Connect Mini and Smart Eye Mini are only in compliance if no changes or modifications is made to the device

The Smart Connect Mini and Smart Eye Mini are in compliance with the requirement for RF exposure in US with 20 cm separation distance between the user and/or bystander of the device.

The latest version of the manuals and datasheets are always available on anticimexonline.sharepoint.com

The antenna is fixed to the device and no change in antenna or fixation of the antenna is acceptable and such modification is considered to violate the Compliance Statement

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device. This device should be installed and operated with minimum distance of 20 cm from the human body.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The Smart Connect Mini uses the following frequency bands;

FREQUENCY BAND	MAX POWER
LTE-FDD B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28	23dBm
GSM850/EGSM900	33dBm
DCS1800/PCS1900	30dBm
GSM850/EGSM900 (8-PSK)	27dBm
DCS1800/PCS1900 (8-PSK)	26dBm

The Smart Connect Mini and Smart Eye mini also communicates using the following free SRD frequency bands;

EU: 868 – 868.6 MHz with a maximum transmitting power of 14 dBm.

Rest of the world: 917 – 926 MHz with a maximum transmitting power of 14 dBm.

If an ethernet cable is used the product shall be connected using a shielded network cable (STP) that is properly grounded.

Simplified declaration of conformity

Hereby, Anticimex Innovation Center A/S declares that the radio equipment type Smart Connect Mini and Smart Eye Mini is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

anticimex.com/declaration-of-conformity

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.

Instructions

Only Anticimex service technicians are allowed to install, replace damaged units, and service installations. Replace the Smart Connect Mini or Smart Eye Mini if the device is faulty.

To install the Smart Connect Mini system the operator must possess a mobile device such as a smartphone or tablet with access to an internet connection. To install, the operator should have a user in the Anticimex-owned software system "Smart Device Tool".

1. Use Smart Device Tool to initiate an installation
2. Scan the QR-code of the Smart Connect Mini
3. Apply power to the Smart Connect Mini and await green flashes of the gateway, indicating beacon mode is active: You can now start to set up the sensors
 - a. Start setting up sensors closest to the gateway
4. Push the button of the sensor and await green flashes, indicating connection
5. Continue to set up all the sensors of the installation in the same way
6. When all sensors have been installed, end the installation through Smart Device Tool
 - a. During this step, the installation will form its mesh and pair sensors
7. If the connection has formed without any problems, the installation is complete
8. If there are problems, investigate using Smart Device Tool which sensors did not connect: Either relocate them or adjust the installation by adding an extra sensor to solve the problem
9. End installation through Smart Device Tool.



The Smart Connect Mini must not be installed more than 2 meters above ground. Do not use another power supply than the one provided with the Smart Connect Mini. Use of any other power supply could damage the product or make it operate in an unforeseen manner.

Troubleshooting

- If the Smart Connect Mini shows a red light, it can't connect to the backend system. Check that the device has been created in Smart Device Tool or relocate to a position with better cellular coverage.
- If there are problems installing one or more Smart Eye Mini sensors, investigate using Smart Device Tool which sensors did not connect: Either relocate them or adjust the installation by adding an extra sensor to solve the problem.
- If the Smart Eye Mini still does not install, try to factory reset the unit by pressing and holding the button and await red, green and yellow flashes. Afterwards, you can try to install the sensor again