QUICK START INFORMATION

iQunet Server

SAFETY INSTRUCTIONS AND QUICK START GUIDE

Type: SERV199310-IPC-FR201   **ID: 199310**

SAFETY INSTRUCTIONS

IMPORTANT: PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE

WARNINGS

- This product shall only be connected to an external power supply rated at **8~24VDC** (power consumption 22 W max.). Any external power supply used with the iQunet Server shall comply with relevant regulations and standards applicable in the country of intended use.
- This product should be operated in a well-ventilated environment and the case should not be covered.
- This product should be placed on a stable cabinet.
- All peripherals used with the iQunet Server should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to keyboards, monitors, and mice used in conjunction with the iQunet Server.
- Where peripherals are connected that do not include the cable or connector, the cable or connector used must offer adequate insulation and operation in order that the requirements of the relevant performance and safety requirements are met.

INSTRUCTIONS FOR SAFE USE

To avoid malfunction or damage to your iQunet Server please observe the following:

- Do not expose it to water, moisture, or place on a conductive surface whilst in operation.
- Do not expose it to heat from any source; the iQunet Server is designed for reliable operation at normal ambient room temperatures.
- Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.
- The iQunet Server is **not designed to be powered from a USB port** on other connected equipment, if this is attempted it may malfunction.

GETTING STARTED

For full set up and installation instructions please visit https://iqunet.com/resources/user-manuals/

- Mount the iQunet Server on DIN rail (35mm). Mounting brackets for back or side installation are included.
- Install the External Dual Band Wifi Antenna (161mm) hand tight only.
- Power with 8-24VDC / 22W max. (not included) using the 3-pole connector supplied **(mind the polarity!)**.
- Activate the hotspot: do **not** plug in a network cable for activating the hotspot.

LOGGING ONTO YOUR IQUNET SERVER

Log on to your iQunet Server via hotspot or WebRTC:

Hotspot:

1. A WiFi hotspot is automatically created after 60 seconds once the iQunet Server is connected to the mains. **To activate the hotspot, the ethernet cable must be unplugged.**
2. Select the hotspot (SERN-xxxxxxxxxxxx) in the network center on your PC or mobile phone and click Connect. The hotspot's password is the Sensor Proxy ID (server-xxxxxxxx). The Sensor Proxy ID is provided by iQunet.
3. Open a new browser page. Browse to **192.168.42.1:8000/dashboard/app** to open the iQunet Sensor Dashboard.

WebRTC:

1. Install a network safely connected to internet by using the above Hotspot functionality in the "Wired" or "Wifi" tab of the dashboard.
2. Connect your PC to the internet. Surf to **connect.iqunet.com**. Log in with your Google account or create a new account using your email address.
3. Click on "Add Server Node". Enter the Sensor Proxy ID (server-xxxxxxxx) and provide an alias name for the Server. Click "Save". The Sensor Proxy ID is provided by iQunet.
4. Click on the created server node to open the iQunet Sensor Dashboard.

GENERAL

IP degree (IEC 529): IP20 (indoor only)

Operating temperature & humidity:
- -20°C to +60°C
- 10%-95% humidity – noncondensing

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REGULATORY COMPLIANCE

Hardware:	FR201	FCC ID: 2ABCB-RPICM4
		IC: 20953-RPICM4
Assembled in:	EU	

Other compliance:

- CE / FCC / UKCA / VCCI / ISED ICES-003
- SAFETY IEC/UL/EN 62368-1
- EMC CISPR 32/35 Class A
- FCC Part 15 Class A
- IEC/EN 60601-1-2:2014 EMC Ready
- Radio Equipment Directive (2014/53/EU)
- RoHS 3 Directive (2015/863/EU)
- REACH
- WEEE Directive (2012/19/EU)

FCC COMPLIANCE STATEMENT

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions or satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
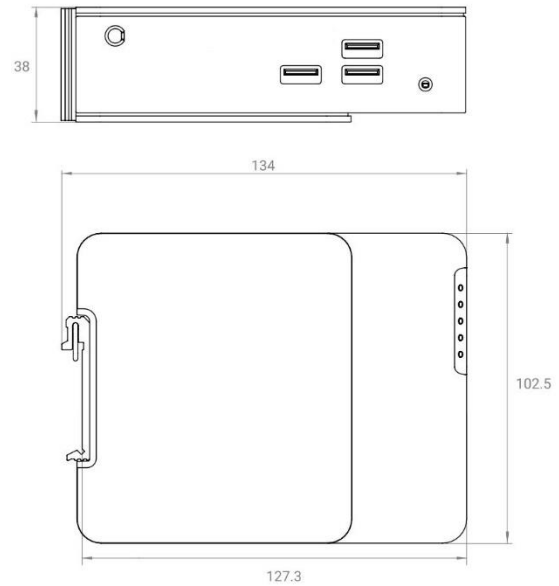
DIMENSIONAL DRAWING [mm]

Dimensions excl. external WiFi antenna:

102.5 x 129 x 38 mm

(4.04 x 5.08 x 1.50 in)

Weight: 400g (incl. WiFi antenna)

Case: ABS / Aluminum

Din Rail Mount (excl. WiFi Antenna):

Back Din Rail Mount (excl. WiFi Antenna):

Subject to reasonable modifications due to technical advances