

INSTALLATION MANUAL – TECHNICAL INFORMATION

iQunet Server 5V Box ACCS616910-BOX-SERV5



INSTALLATION INSTRUCTIONS

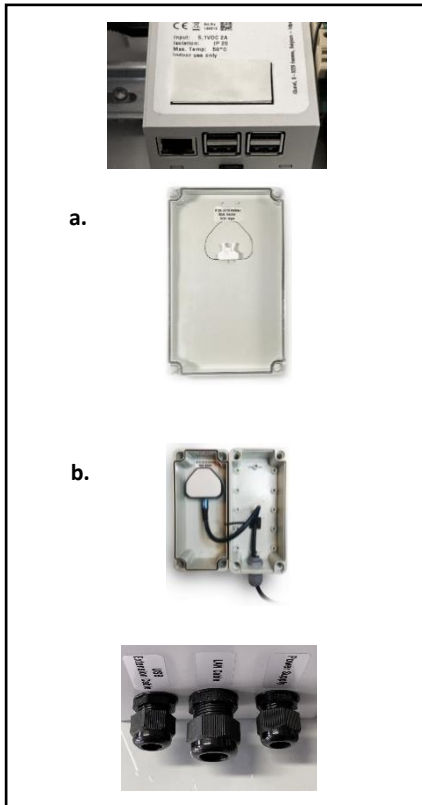
(ACCS616910-BOX-SERV5)



1. Open the box with the corner screws
2. Install the M16 and M20 gland (if not yet installed)
3. Install the back of the box against the wall, using the 4 corner holes. (see Technical drawing)



4. Insert the 110 ~ 230Vac power cable via the power gland to the L-N inputs. Tighten the M16 cable gland



5. Connect the USB-A side from the Base Station USB cable in one of the USB inputs of the server.
 - a. In case the Base Station is installed inside the box: install the Base Station over the clips and connect the Micro USB cable
 - b. In case the Base Station is installed in the Base Station Box with extension cable: follow the instruction from the item ACCS 616810-BOX-BS. Tighten the cable gland M16
6. Insert the network cable via the M20 gland to the 1 Gigabit port from the server. Tighten the M20 gland.



7. Power the system and test
8. Close the box with the 4 corner screws.

DATASHEET BOX

(part of ACCS616910-BOX-SERV5)

Dimensions:	Length	Width	Height
mm:	230	140	125
inch:	9.1	5.5	4.9

Materials:

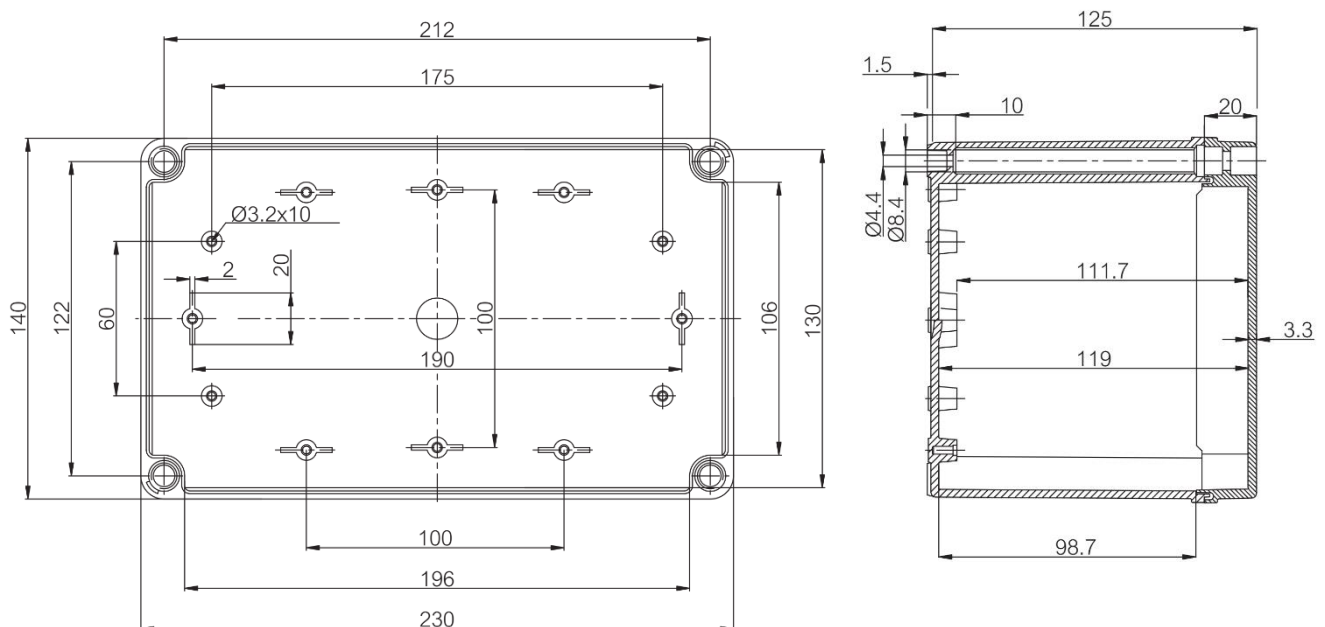
Material:	Polycarbonate
Base colour:	RAL 7035 -light grey
Cover screws material:	Polyamide
Cover colour:	RAL 7035 -light grey
Cover screws colour:	Grey
Gasket material:	Polyurethane

Temperatures:

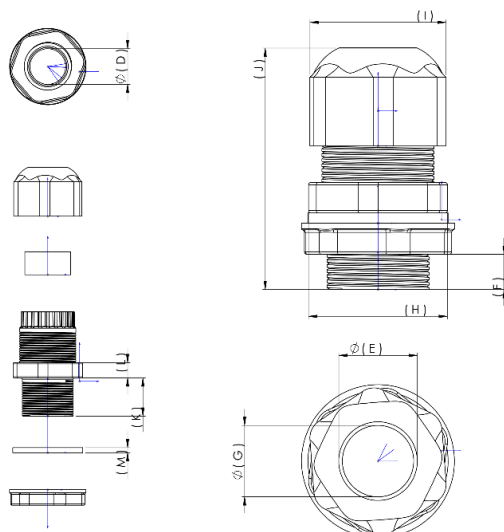
Temperature °C (short term):	-40 ... 120 °C
Temperature °C (continuous):	-40 ... 80 °C

Rating:

Ingress Protection (EN 60529): IP66/IP67
Impact Resistance (EN 62262): IK08
Electrical insulation: Totally insulated
Halogen free (DIN/VDE 0472, Part 815): 1
UV resistance: UL 508
Flammability Rating: UL 746C 5"
Glow Wire Test (IEC 695-2-1) °C: 960
NEMA Class: NEMA 1, 4X, 6, 12, 13



Gland types : 2 x M16 + 1 x M20; supplied with locknut and washer



Drawing Reference

B	C	D	E	F	G	H	I	J	K	L	M
Size	Colour	Cable clamp range	Thread Diameter (mm)	Thread Pitch (mm)	Clearance hole size	Spanner size Body	Spanner size Locknut	Overall Length	Thread Length-measured from under hexagon on body	Nut thickness	Washer Thickness
M16	Grey	5-10mm	16.00	1.50	16.2	19	22	43	15	5	2
M20	Grey	10-14mm	20.00	1.50	20.2	24	27	46	15	6	2

• Material:

- **Body & Nut:** PA 66 (Polyamide 66) UL 94 V2 *
- **Seal:** Rubber
- **Fire behavior:** Low Smoke Zero Halogen *

• IP Rating:

IP68

• Use:

for use with non-armored cable

*: black : not Halogen Free / Grey: Halogen Free

DATASHEET SERVER – SERV199015-USB-5V2A

(part of ACCS616910-BOX-SERV5)

Replacement type number: iQunet item#: 199015; SKU: SERV199015-USB-5V2A
(extensive datasheet: <https://iqunet.com/resources/technical-datasheets-servers/>)



Technical specifications:

- **Physical:**
 - **Low height server version**
 - **Dimensions (mm):** 71x91x32 (WxHxD)
 - **Weight:** 105g
 - **Case material:** ABS
- **Installation:**
 - on DIN rail (35mm) – 3 modules
 - usb power connector on left side – 1 module
- **IP degree (IEC 529):** IP20
- **Operating temperature:** 0°C to +55°C
- **Power supply:**
 - 5.1VDC 2.5A power supply
 - micro usb connector
- **Ethernet connection:** up to 300Mbps
- **WiFi:** 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac
- **USB connection for Base Station:** 1 connection

DATASHEET AC-DC TRANSFORMER – ACCS615010-230V-5V2A

(part of ACCS616910-BOX-SERV5)

Replacement type: iQunet item#: 615010; SKU: ACCS615010-230V-5V2A

Technical specifications:



- **Physical:**
 - **Dimensions (mm):** 17.5 x 90 x 54.5 (WxHxD)
 - **Weight:** 78g
 - **Case material:** thermoplastic
 - **Working temperature:** -20 ~ +70°C
 - **Operating altitude:** 2000 meters
- **Accessories:** open-end cable with micro-USB power plug (pre-assembled)
- **Installation:** on DIN-Rail in box
- **Connection of wiring:** screw terminals
- **Input voltage:** 85 ~ 264 VAC range
- **Number of outputs:** 1
- **Electrical specifications Transformer**
 - **Transformer Output current:** 2.4A (max)
 - **Output voltage:** 5.1VDC
 - **Power:** 12W (max)
- **Current consumption with connected Server:** ~700mA @ 5.1VDC