

INSTALLATION MANUAL – TECHNICAL INFORMATION

iQunet Server 24V Box ACCS617010-BOX-SERV24

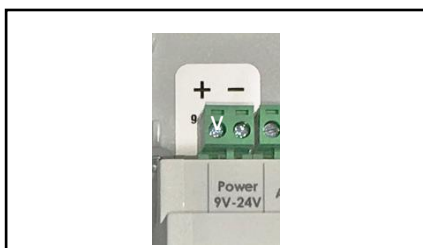


INSTALLATION INSTRUCTIONS

(ACCS617010-BOX-SERV24)



1. Open the box with the corner screws
2. Install the M16 and M20 gland
3. Install the back of the box against the wall, using the 4 corner holes. (see Technical drawing)



4. Insert the 9 ~ 24Vdc power cable via the gland and connect the DC power with correct polarity. 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 ACCS617010-BOX-SERV24)

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

Materials:

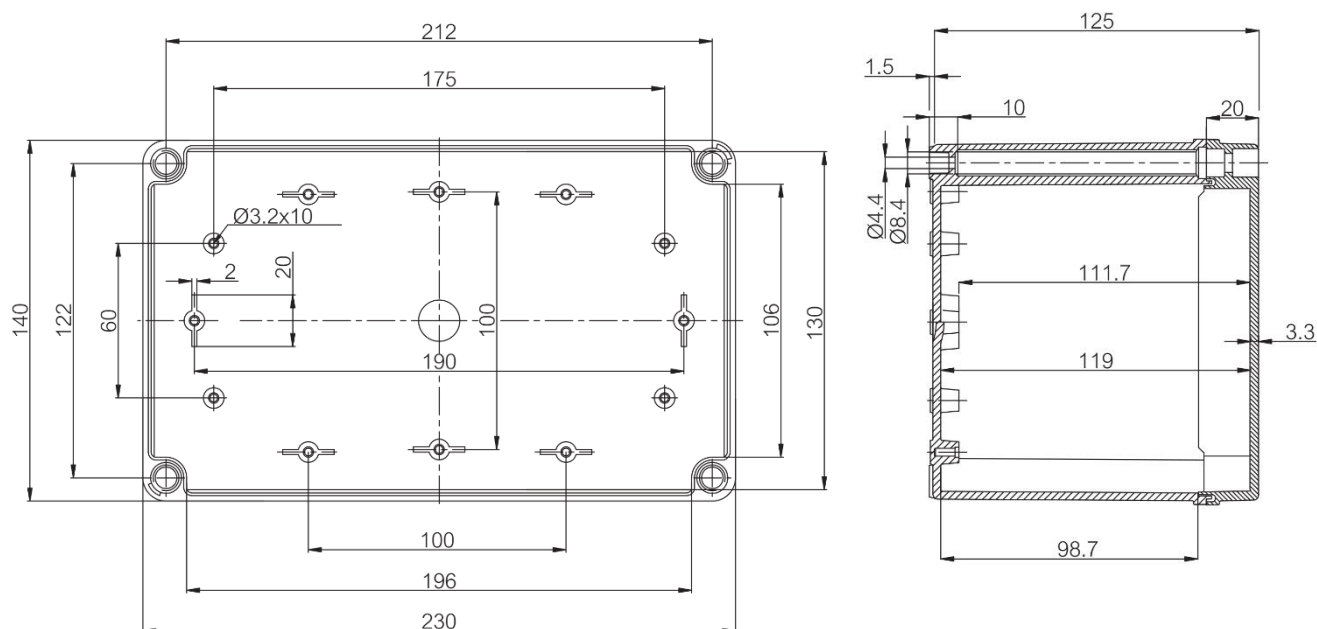
Material:	Polycarbonate
Base colour:	RAL 7035 -light grey
Cover screws material:	Polyamide
Cover colour:	RAL 7035 -light grey
Cover screws colour:	Grey
Gasket material:	Polyurethane

Rating:

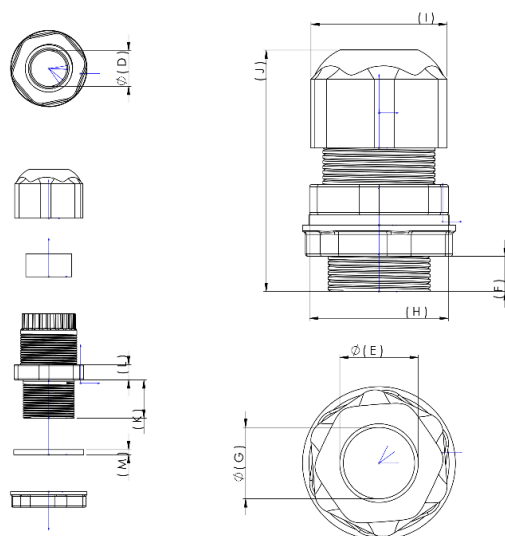
Ingress Protection (EN 60529): IP66/IP67
Impact Resistance (EN 62262): IK08
Electrical insulation: Totally insulated
Halogen free (DIN/VDE 0472, Part 815): 1
UV resistance: UL 508
Flammability Rating: UL 746C 5"
Glow Wire Test (IEC 695-2-1) °C: 960
NEMA Class: NEMA 1, 4X, 6, 12, 13

Temperatures:

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



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

DATASHEET SERVER – SERV199210-IND-24V1A

(part of ACCS617010-BOX-SERV24)

Replacement type number: iQunet item#: 199210; SKU: SERV199210-IND-24V1A

(extensive datasheet: <https://iqunet.com/resources/technical-datasheets-servers/>)



Technical specifications:

- **Physical:**
 - **Dimensions (mm):** 107 x 95 x 58 (WxHxD)
 - **Weight:** 180g
 - **Case material:** thermoplastic
- **Working temperature:** -0 ~ +50°C
- **Installation:** on DIN rail (35mm)
- **IP degree (IEC 529):** IP20
- **Operating temperature:** 0°C to +50°C
- **Power supply:** 24VDC, 1.2A max
 - 9-24V wide-range DC input
 - Reverse polarity protection
 - Integrated EMC protection circuits
- **Ethernet connection:** up to 300Mbps
- **WiFi:**
 - 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac
 - wifi1 x 802.11n Wireless LAN
- **USB connection for Base Station:** 1 connection