Qeedji

User manual

NAPOE109ft

1.10.12 005A

Legal notice

NAPOE109ft 1.10.12 (005A_en)

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Product information

Product design and specifications are subject to change at any time and `Qeedji` reserves the right to modify them without notice. This includes the hardware, the embedded software and this manual, which should be considered as a general guide to the product. The accessories supplied with the product may differ slightly from those described in this manual, depending on the developments of the various suppliers.

Precautions for use

Please read and heed the following warnings before turning on the power: - installation and maintenance must be carried out by professionals. - do not use the device near water. - do not place anything on top of the device, including liquids (beverages) or flammable materials (fabrics, paper). - do not expose the device to direct sunlight, near a heat source, or in a place susceptible to dust, vibration or shock.

Warranty clauses

The `Qeedji` device is guaranteed against material and manufacturing defects for a certain duration. Check the device warranty duration value at the end of the document. These warranty conditions do not apply if the failure is the result of improper use of the device, inappropriate maintenance, unauthorized modification, operation in an unspecified environment (see operating precautions at the beginning of the manual) or if the device has been damaged by shock or fall, incorrect operation, improper connection, lightning, insufficient protection against heat, humidity or frost.

WEEE Directive

This symbol means that your appliance at the end of its service life must not be disposed of with household waste, but must be taken to a collection point for waste electrical and electronic equipment or returned to your dealer. Your action will protect the environment. In this context, a collection and recycling system has been set up by the European Union.

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Part I

Description and installation

1.1 Introduction

The NAPOE109ft device is a Ethernet PoE RJ45F to POGO adapter suitable for TAB10s device. Once connected to a Ethernet cable supporting PoE, it can provide power supply and IP network connectivity to a TAB10s device.

The NAPOE109ft device is intended to be plugged on an Ethernet RJ45 supporting `PoE IEEE802.3af`.

This manual explains how to install the NAPOE109ft device:

- on a partition wall with screw-in dowels or
- on a glass wall with adhesive tapes.

Recommendations and warnings

This device is designed for indoor use only.

Package Contents

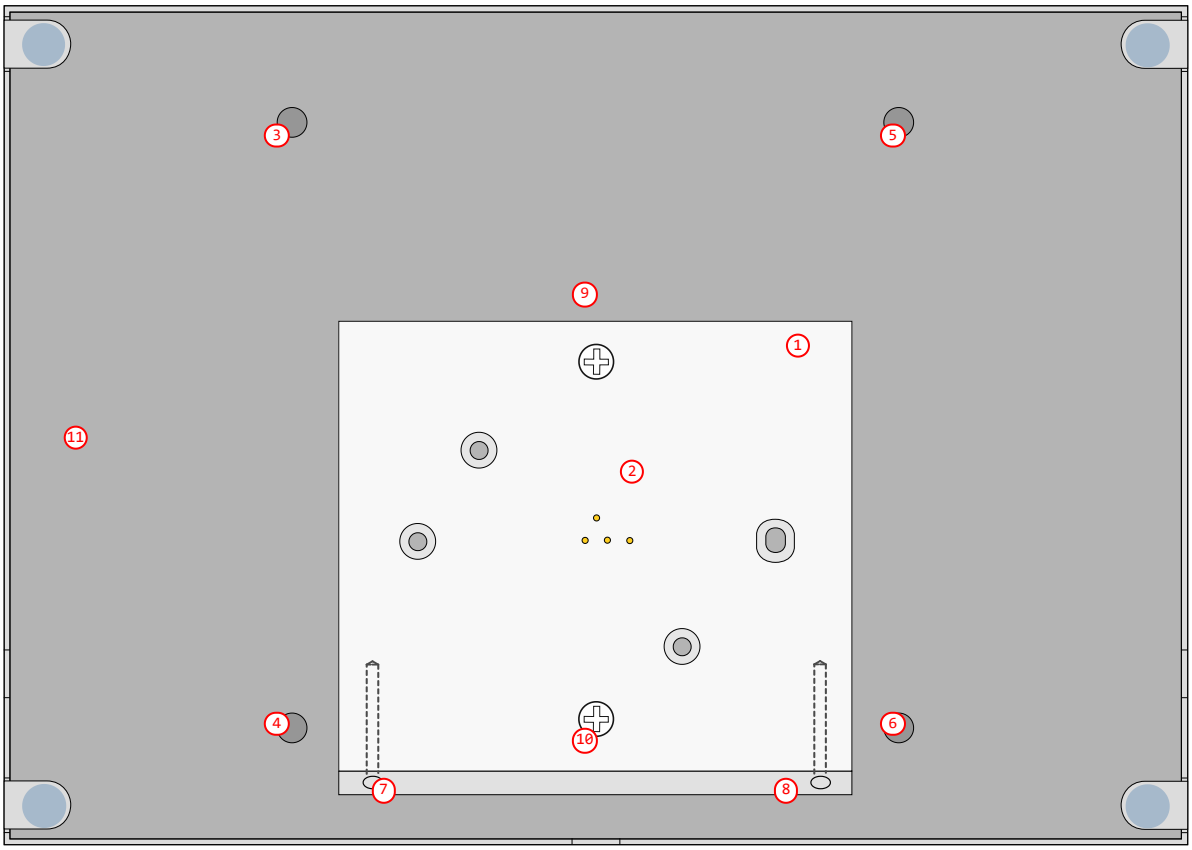
Items	Description	Quantity
Device	NAPOE109ft device	1
Adhesive tapes	3M double sided tape (W x H x D): 65 mm x 19 mm x 0.6 mm	3

> ☛ *In this documentation, the unit of measurement for dimensions is done in millimeters followed by its equivalent value in inches.*

1.2 Faces

Front face

- (1) bevelled support to hang the TAB10s device[1],
- (2) electrical pads supporting data and power delivery,
- (3) (4) (5) (6) holes to fix the device to the wall with screws,
- (7) (8) holes to host black screws[2] to lock the TAB10s device on the bevelled support,
- (9) (10) screws mounted at factory (must never be unmounted),
- (11) metal frame.

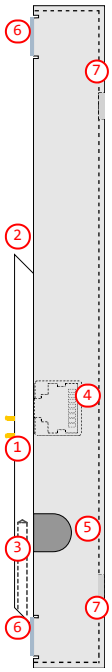


[1] *The bevelled support is fixed at factory to the metal frame of the NAPOE109ft device with grey screws which must never be unmounted.*

[2] *The suitable screws are provided with the TAB10s device.*

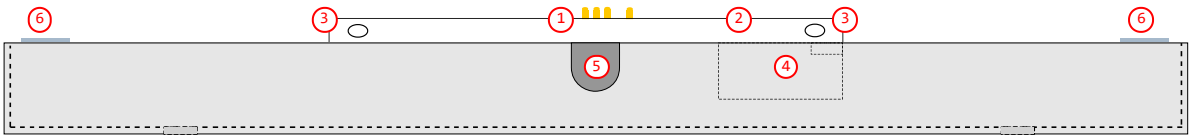
Side face

- (1) electrical pads supporting data and power delivery,
- (2) bevelled support to hang the TAB10s device,
- (3) holes to host screws to lock the TAB10s device on the NAPOE109ft device,
- (4) LAN RJ45 connector PoE,
- (5) holes to input the RJ45 cable by the left side or by the right side of the NAPOE109ft device,
- (6) bumpers (provided),
- (7) holes to fix the NAPOE109ft device on a wall partition with screws.

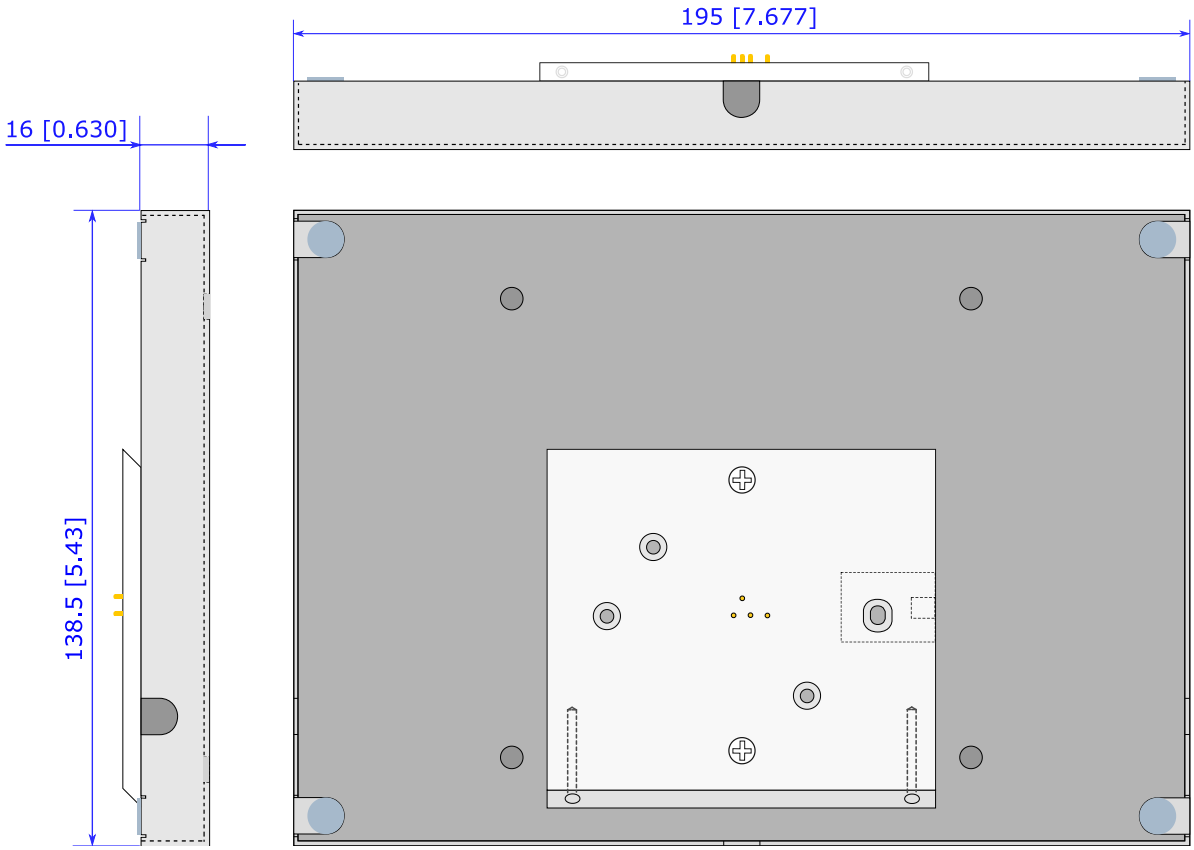


Bottom face

- (1) electrical pads supporting data and power delivery,
- (2) bevelled support to hang and lock the TAB10s device.
- (3) holes to host screws to lock the TAB10s device on the NAPOE109ft device,
- (4) LAN RJ45 connector PoE,
- (5) holes to input the RJ45 cable by the bottom of the NAPOE109ft device,
- (6) bumpers (provided),
- (7) holes to fix the NAPOE109ft device on a wall partition with screws.



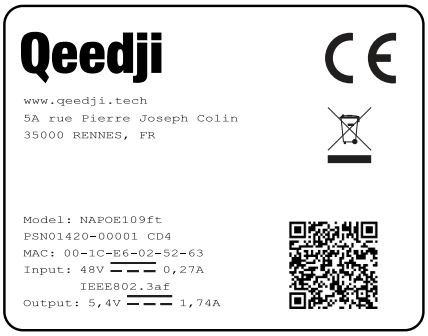
1.3 Device dimensions



1.4 Labelling

Product label

The model of the device, the power supply characteristics, the serial number (PSN) and the MAC address are written on a label stuck on the case.



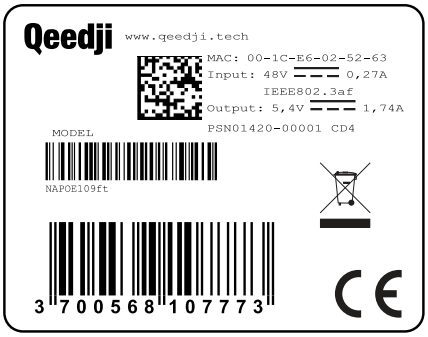
> ☛ *The QR code on the product label is corresponding to the product identification URL, for example:* `i.qeedji.tech?model=NAPOE109ft&sn=01420-00001&mac.lan1=00-1C-E6-02-52-63`.

> ☛ *FCC certification in pending.*

Packingbox label

This is the label stuck also on the packingbox. It is showing:

- the device model,
- the product serial number (PSN) (embedded also in the QR code),
- the manufacturer Website.



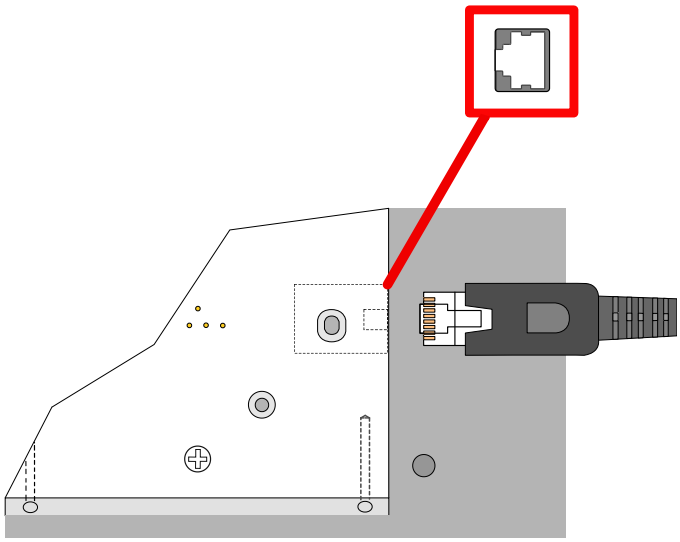
> ☛ *The QR code on the packingbox label is corresponding to the product PSN, for example:* `PSN01420-00001 CD4`.

> ☛ *The serial number of the device could be requested in case of technical support.*

1.5 Connectors

LAN connector

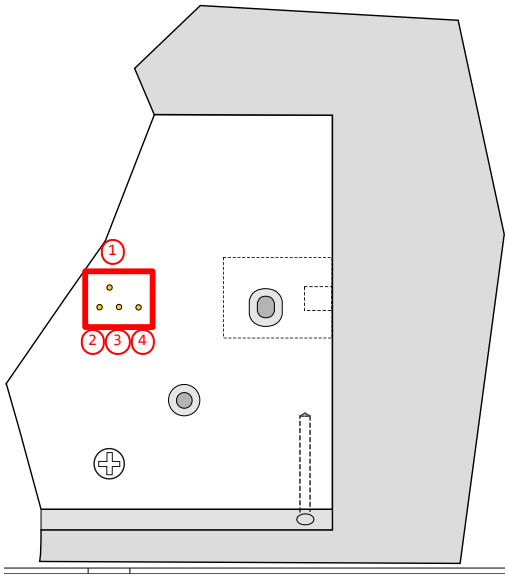
Ethernet RJ-45. 10/100 BaseT. It is recommended to use shielded cables.



POGO connector

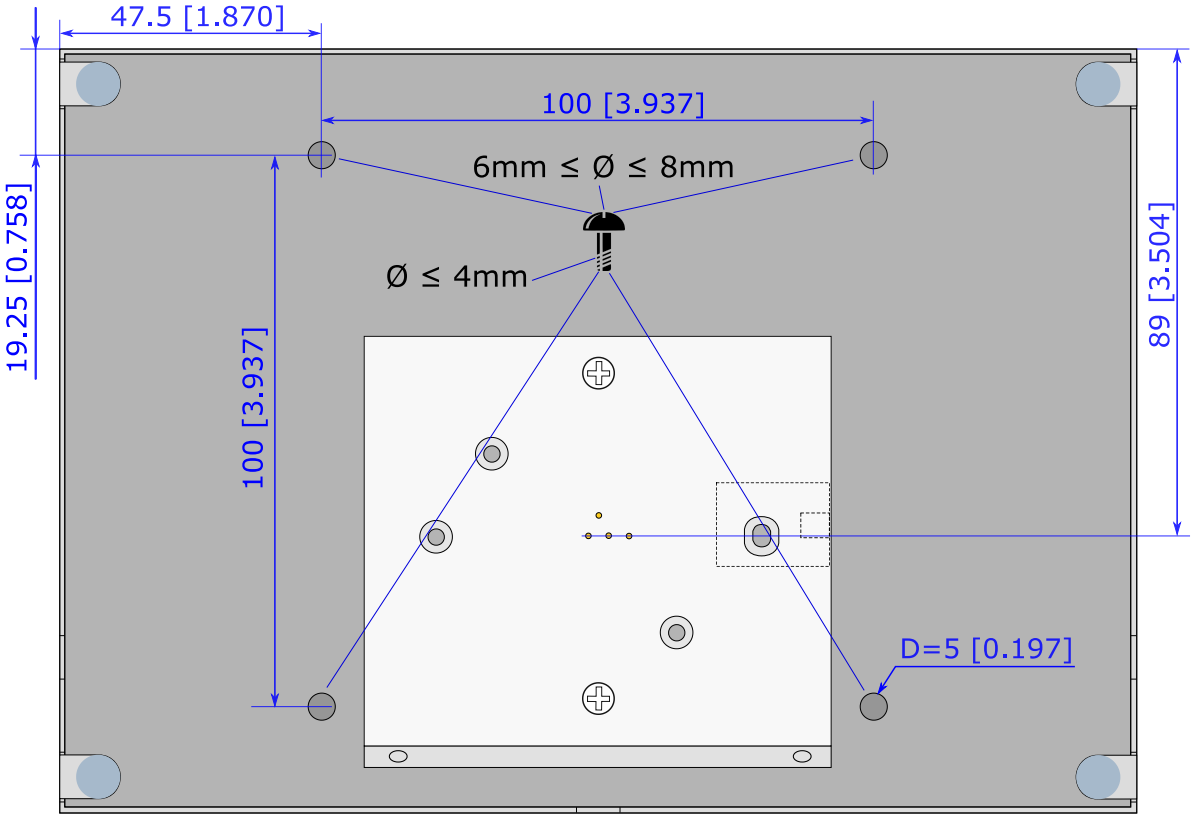
The electric pad of the POGO connector supports data and power delivery. This is the POGO connector pinout.

PIN	Information
①	VCC
②	DATA-
③	DATA+
④	GND



1.6 Drilling pattern

In case the NAPOE109ft device must be fixed on a wall partition with pierceable material, follow the drilling pattern information to drill the holes to install the four dowels.



☛ *The screws and dowels required to fix the NAPOE109ft device on the wall are not provided with the product. They depend on the wall material.*

If the NAPOE109ft device must be fixed on a wall partition which is not pierceable, for example a glass wall, follow the adhesive pattern information to stick with the two provided adhesive tapes.

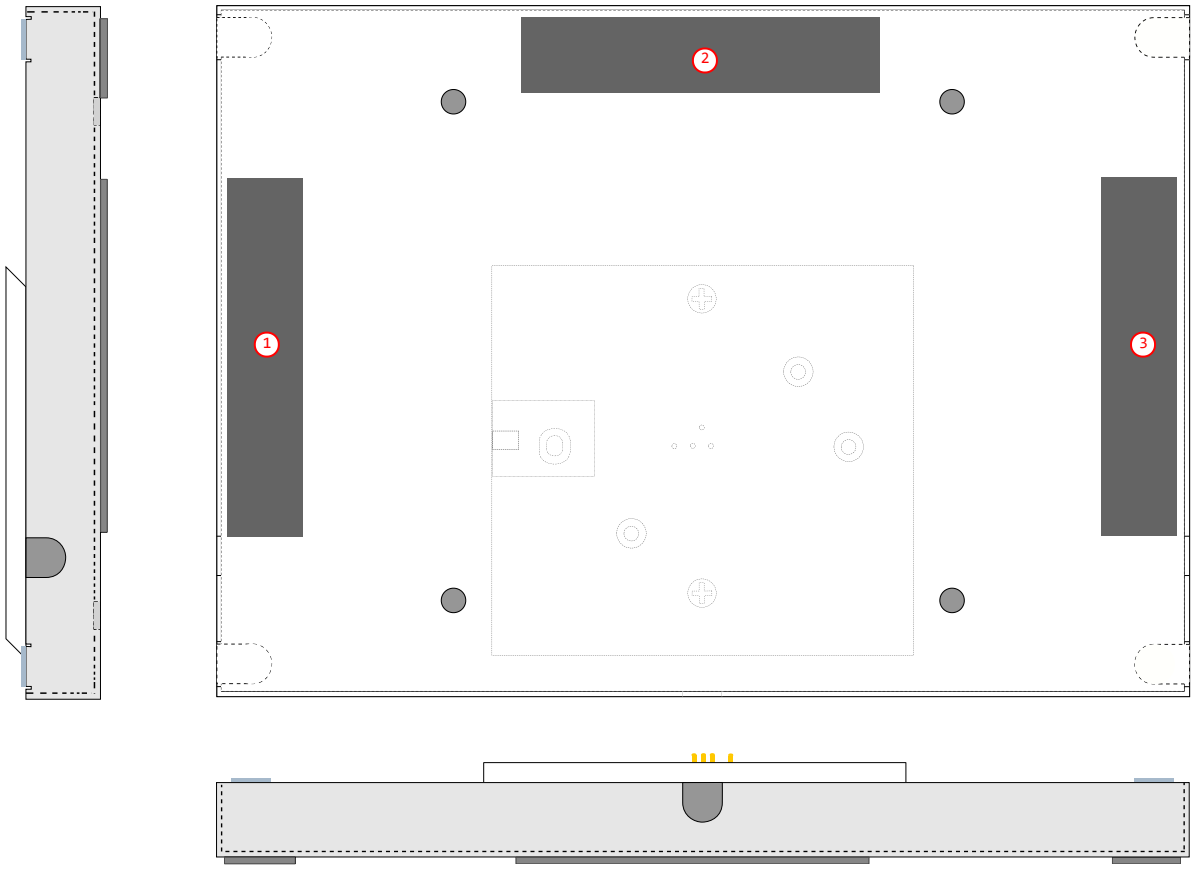
1.7 Adhesive pattern

The adhesive pattern information is suitable to stick the NAPOE109ft product with the two provided adhesive tapes.

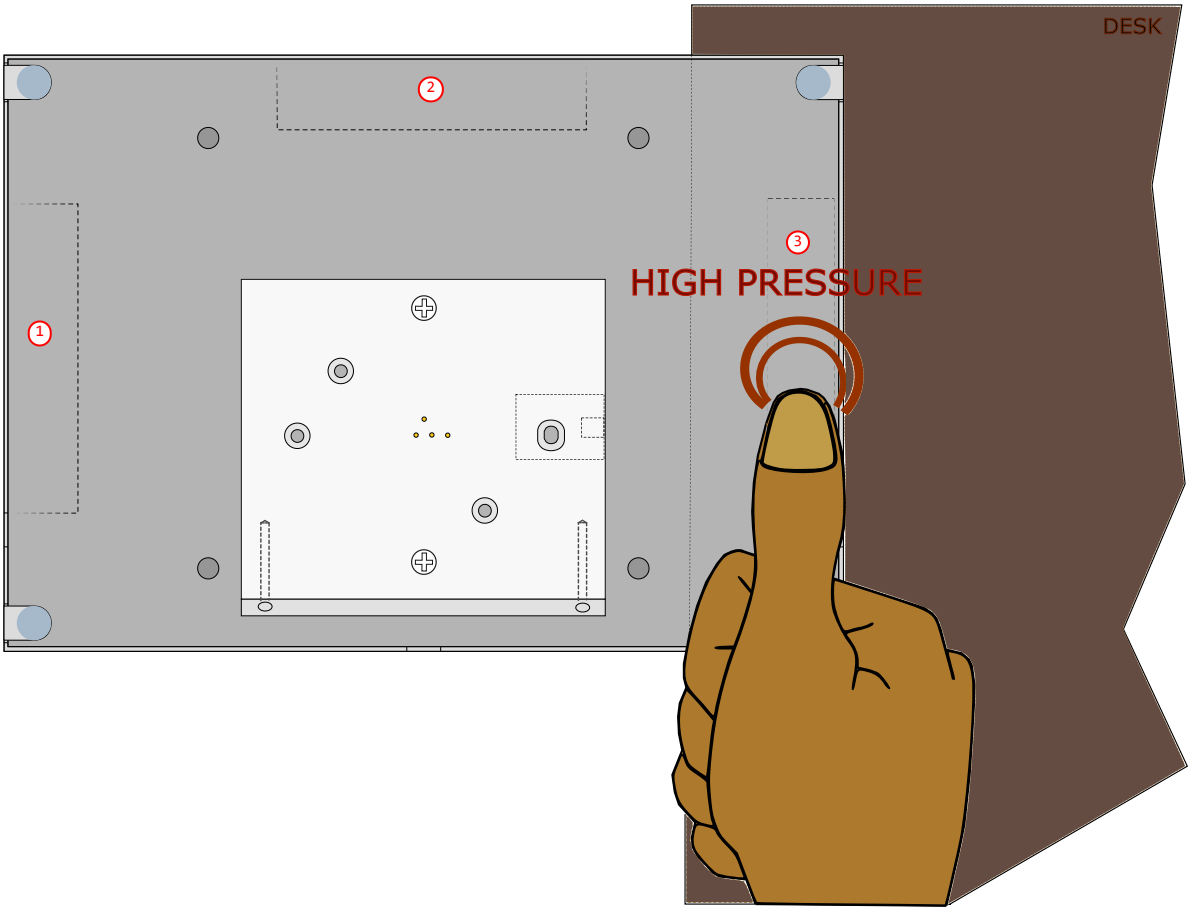
⚠ Clean carefully then degrease perfectly the surface of the wall and the surface of the metal frame before sticking the adhesive tapes.

> ☛ *This is an example of degreasing product preconised by Qeedji: manufacturer* `3M` *, model* `22779` *.*

With your fingers, stick first the three adhesive tapes on the metal frame at the back of the product like explained.

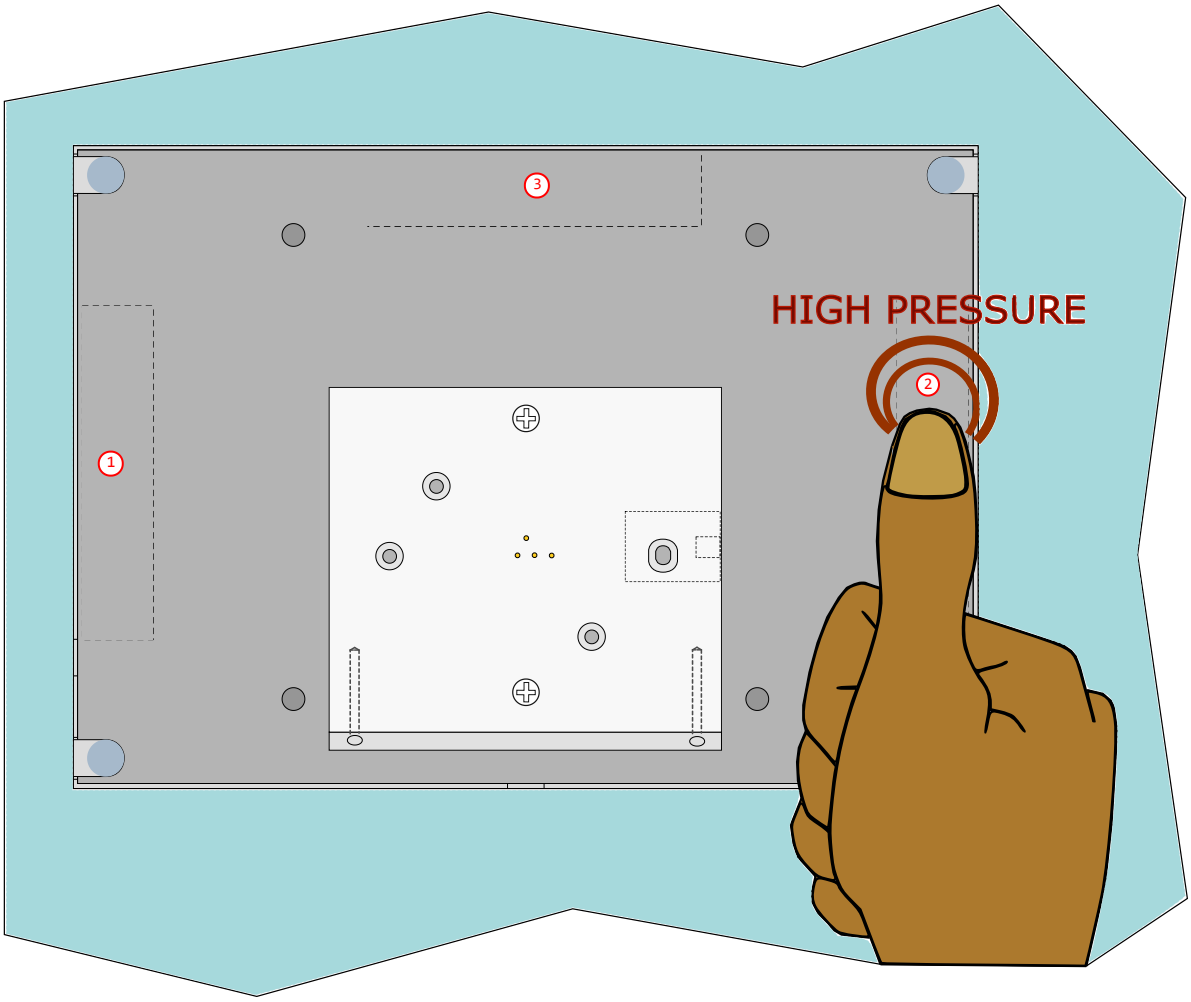


Place the product on the edge of a table like explained, taking care not to damage the electrical PADs of the POGO connector.
Apply a **very high pressure** above all the surfaces of the three adhesives tapes ①, ②, ③ with your thumb so that all the surface of the three adhesive tapes are perfectly stuck on the metal frame.

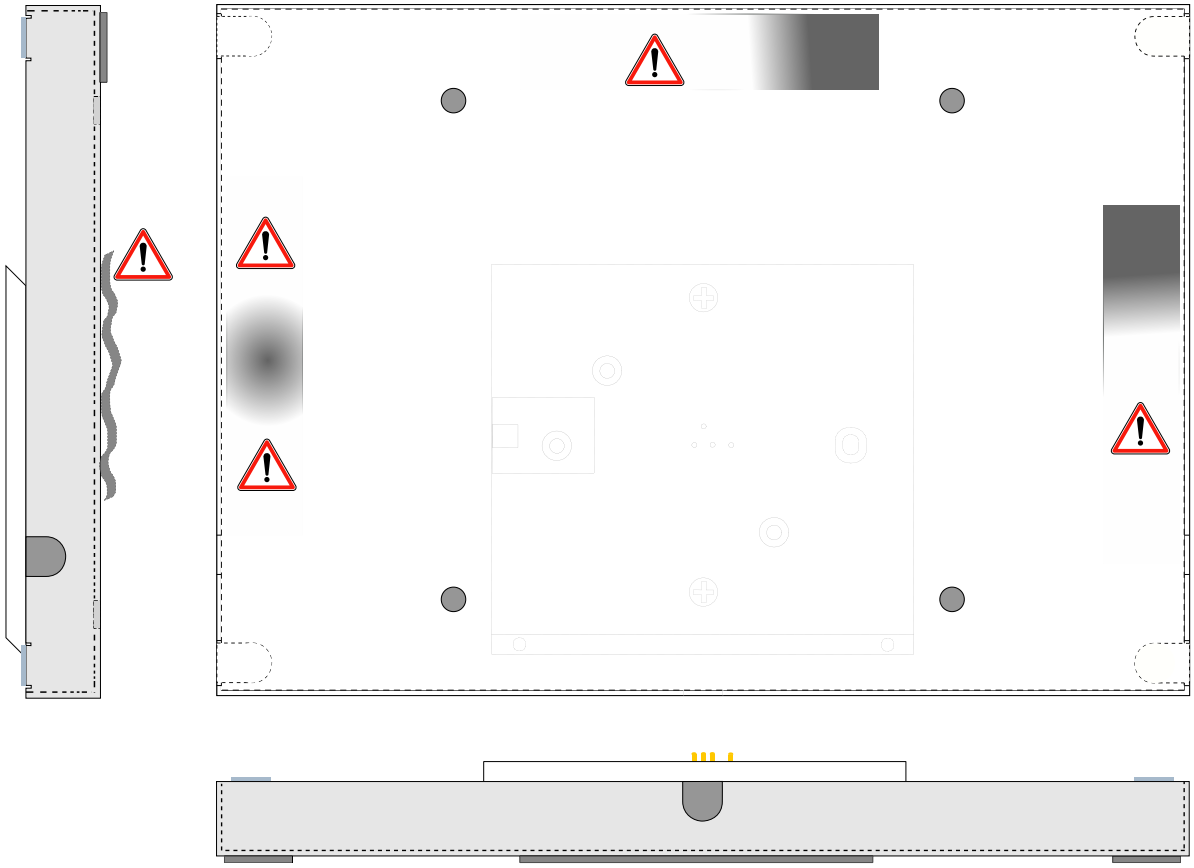

DESK
2
3
HIGH PRESSURE
1

⚠ Once stuck on the glass wall, it should be very difficult to unstick the NAPOE109ft device from the wall. So, before sticking the NAPOE109ft device, helped with a spirit level, note an appropriate marker on the wall to show at which height the NAPOE109ft device must be installed. For further information, refer to the chapter § Device fixture.

Remove the remaining adhesive tape protection.
Turn the unit the right way round and helped with a spirit level, stick the product horizontally on the glass wall at the right height. With your fingers, press firmly on the metal frame against the glass wall above the three adhesive tapes to ensure that all the surface of the adhesive tapes is perfectly stuck.



If the adhesive tape sticking is not homogeneous as shown below, press firmly again over the areas that need it.

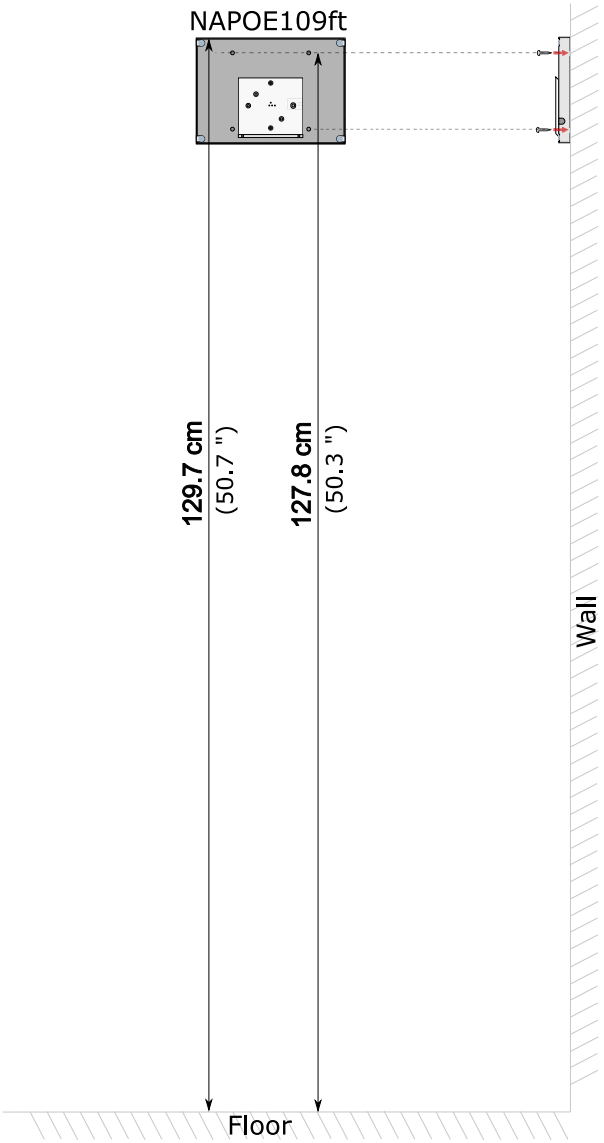


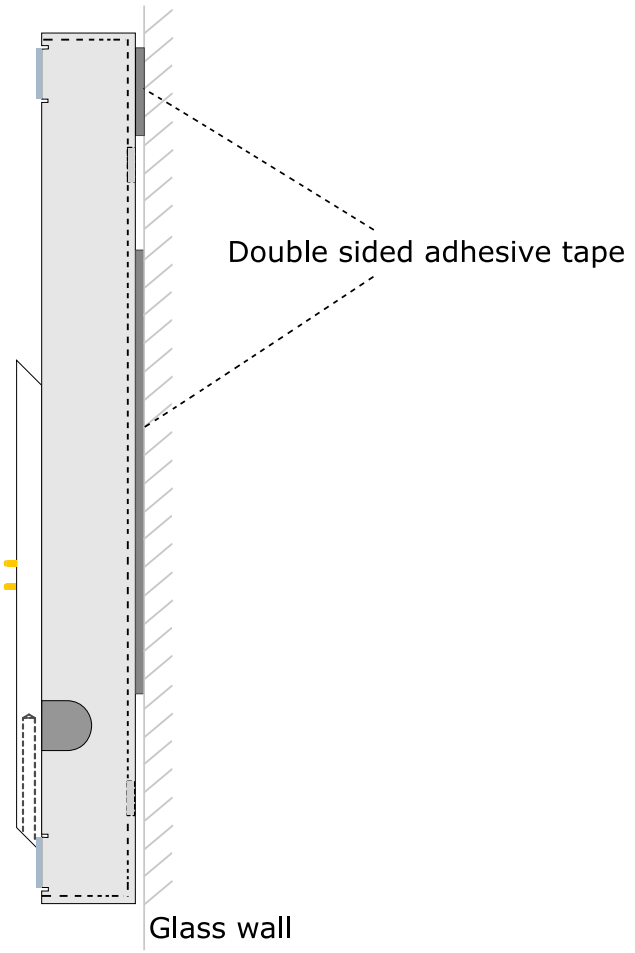
1.8 Device fixture

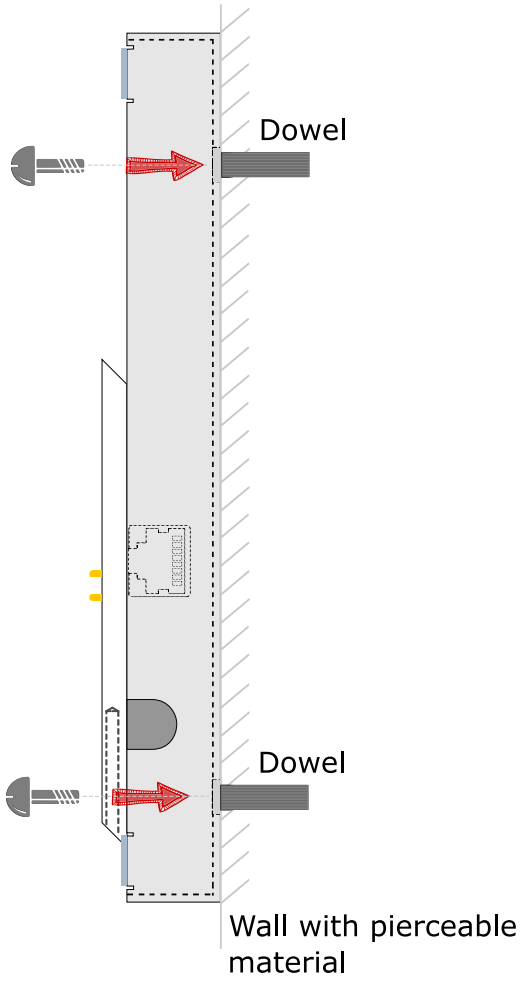
Installation height

⚠ To know the NAPOE109ft device fixture height, refer to the legislation in force in your country, related to the accessibility to disabled persons of establishments open to the public during their construction and of facilities open to the public during their development.

☛ *The legislation in force in France implies to install the top of the screen area at 130 cm (or 51,18 ") maximum far from the floor. Remove 2.2 cm (or 0,78 ") to this height to determine the height of the two upper drilling holes. For example, for the France country, the hole center should be drilled at (130 - 2.2) = 127.8 cm (50,3 ") far from the floor.*




Double sided adhesive tape
Glass wall


Dowel
Dowel
Wall with pierceable material

Part II

Technical information

2.1 Technical specifications

Model	Manufacturer
NAPOE109ft	Qeedji

Power supply	Information
PoE IEEE802.3af	POE power supply input: ES1 / PS2 (48 V – 0.27 A)

Network
1x Ethernet 10/100 BaseT PoE

Data	Information
POGO connector	USB 2.0

Power delivery	Information
POGO connector	Output power supply: 5.15 V - 1.45 A typ. Max. absolute values: 5.47 V max., 1.92 A max., 9.4 W max.

Operating temperature	Storage temperature
+0 °C to +35 °C	-20 °C to +60 °C
+32 °F to +95 °F	-4 °F to +140 °F

Operating humidity	Storage humidity
< 80 %	< 85 %

Weight	Dimensions (W x H x D)
354 g	195 mm x 138.5 mm x 16 mm
0.780 lb	7.67 " x 5.43 " x 0.63 "

Plastic enclosure flame rating
UL 94 V-0

Warranty
1 year

2.2 Conformities

EUROPE

In conformity with the following European directives:

- `LVD 2014/35/EU`
- `EMC 2014/30/EU`
- `RED 2014/53/EU`

Part III

Contacts

3.1 Contacts

For further information, please contact us:

- **Technical support**: support@qeedji.tech,
- **Sales department**: sales@qeedji.tech.

Refer to the `Qeedji` Website for FAQ, application notes, and software downloads: https://www.qeedji.tech/

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