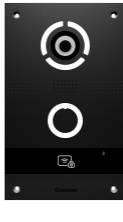


User Manual Grenton Intercom Panel

ICM-001-E-01



Grenton Intercom Panel is a stylish and unique individual entrance panel with face recognition. It features a piezoelectric doorbell button, a 2 Mpx camera, and a built-in amplifier for opening electromechanical locks.

1. Technical Data

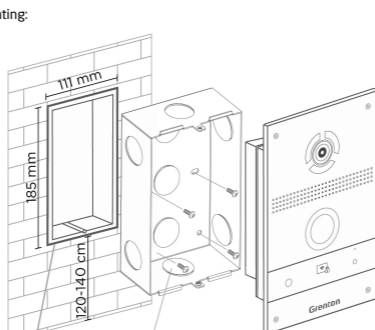
Panel type	Individual
Power supply	PoE, 12V _{dc}
Power consumption	6,5W, in standby - 3,8W
Camera	1/3"
Resolution	2Mpx
Camera angle	124° (horizontal)
Output video	1920 × 1080 Full HD, H.264 Main Profile
Protection class	IP65
IK-Code	IK07
Body	Aluminum
Button	Piezoelectric
Call button backlight control	White and Green
Night backlight	6x LEDs
Light sensitivity	0,01LuX
Size of the panel (H/W/D)	199/125/48mm
Dimensions for installation (H/W/D)	183/109/59mm
Working temperature	-40 to +65°C
Installation	Flush mount or Surface mount (with GRENTON Intercom Bracket)

2. Mechanical Mounting

Before mounting the entrance panel, a hole or recess in the wall with dimensions of 116/198/60mm (for flush mounting) must be provided. It is also necessary to provide supply of a power cable, additional modules and the local network.

Attention: the hole at the bottom is designed to drain the water. Do not intentionally close it. Also it is necessary to make a drain for water at the bottom of the niche which will serve to divert water out.

Flush mounting:

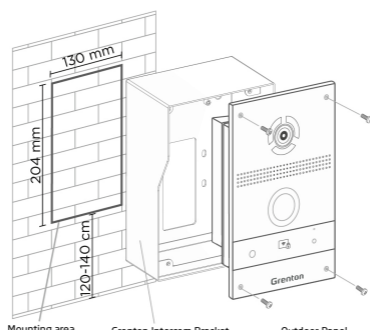


Niche Width: 20mm
Depth: 58mm

Flush Bracket A hole for water flow. Please do not close during installation.

Outdoor Panel

Surface mounting (with Grenton Intercom Bracket):



Mounting area Width: 130 mm
Height: 204 mm

Grenton Intercom Bracket Depth: 120-140 cm

Outdoor Panel

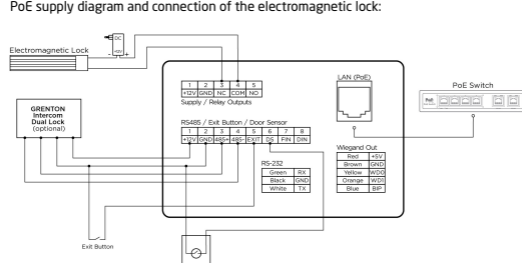
3. Wiring diagram

For connection you will need:

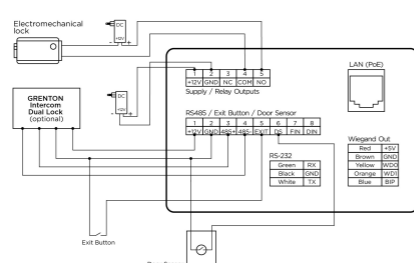
- An Ethernet UTP CAT5 or higher cable connected to a PoE network switch or regular switch / router (the maximum length of the UTP CAT5 cable segment should not exceed

- 100 meters, according to the IEEE 802.3 standard).
- Power supply at 12V, 2A.

PoE supply diagram and connection of the electromagnetic lock:



External power supply diagram and connection of the electromechanical lock:



4. Warnings and Cautionary Statements



ATTENTION I

- Before proceeding with the assembly, read the installation schematics and full instructions available at www.grenton.com. Failure to follow the guidelines contained in the instructions and other requirements of due care valid as a result of the nature of the device (device) may be dangerous to life / health, damage the device or installation to which it is connected, damage other property or violate other applicable regulations. The manufacturer of the device, Grenton Sp. z o. o. does not bear any responsibility



DANGER I

- Danger to life caused by electric current!
- The components of the installation (individual devices) are designed to work in a home

for the damage (property and non-property related) resulting from the assembly and / or use of the equipment not in accordance with the instructions and / or due diligence in handling the equipment (device).

- Device power supply, permissible load or other characteristic parameters have to be in accordance with the device specification, described in particular in the "Technical data" section.
- The product is not intended for children and animals.
- If you have technical questions or comments about the device operation, contact Grenton Technical Support.
- Answers to frequently asked questions can be found at: www.support.grenton.pl

electrical installation or directly in its vicinity. Incorrect connection or use may cause a fire or electric shock.

- All work related to the installation of the device, in particular works involving interference in the electrical installation, may be performed only by a person with appropriate qualifications or licences.
- When installing the device, make sure that the power supply voltage is disconnected from the circuit in which the device is connected or near which the assembly takes place.

5. CE Marking

The manufacturer declares that the device in full compliance with the requirements of EU legislation that includes the directives of a new approach appropriate for this equipment. In particular, Grenton Sp. z o. o. declares that the device fulfills the requirements on safety, specified by law, and that it conforms to the

national regulations that implement the appropriate directives: The Radio Equipment Directive (RED - 2014/53/UE), the Low Voltage Directive (LVD 2014/35/UE) and the Directive on the limitation of the use of specific substances in electrical and electronic equipment (RoHS II - 2011/65/UE).



6. Warranty

Warranty available at: www.grenton.com/warranty

7. Manufacturer Contact Details

Grenton Sp. z o.o.
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