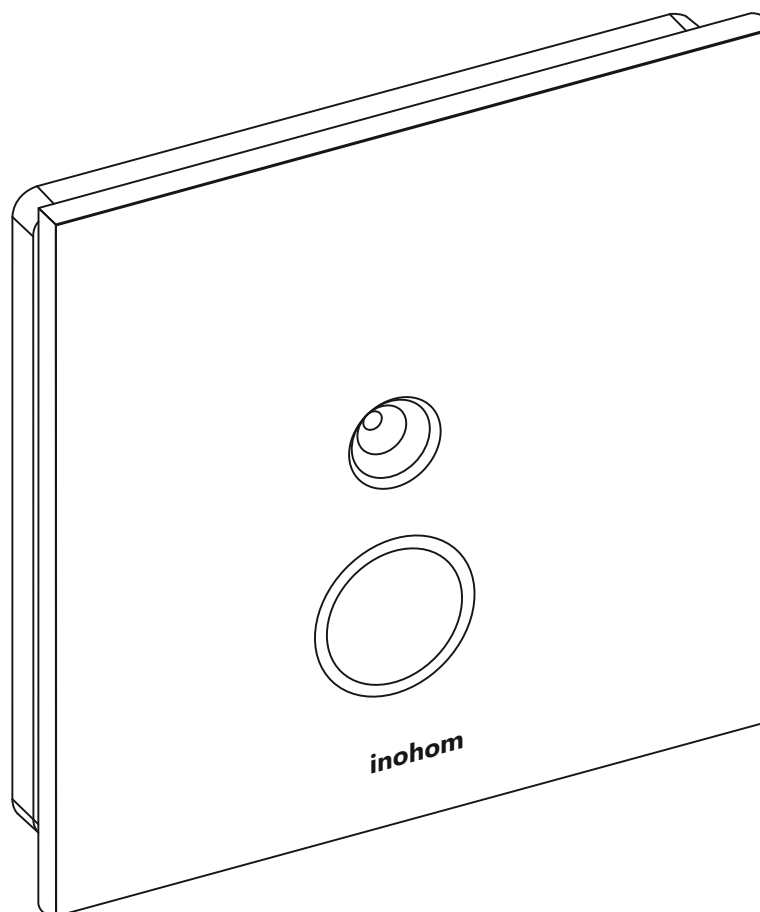


# **inohom**

Smart Life Solutions



## **T-Bell**

(TB1900)

### **TECHNICAL MANUAL**

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# 1: Important Safety Information

## Please read this manual before using the device!



Not following the recommendations in this manual might lead to danger. The manufacturer GST ELEKTRONİK LTD ŞTİ cannot be hold responsible for any loss or damages arising from not following the instructions in this user manual. Device is no longer under warrant after faults arising in these cases.

## ELECTRIC SHOCK DANGER!



The device is designed to control other electronic devices and operates in houses. Incorrect connection or usage might cause fire or electric shocks.



There might be voltage on the connection tips even if the device is turned off. The fuse or power source must always be disabled if the connections will be changed.



Do not operate the device with wet or moist hands to avoid electric shock risk.

## Do not open the product!



Do not make any changes on this device that are not specified in the user manual.

## Other devices



The manufacturer GST ELEKTRONİK LTD. ŞTİ. cannot be held responsible for any damages or out-of-warranty if any unsuitable connections other than the connections expressed in the connection manual are made with other devices.

## This product is designed only for indoors use in a dry environment.



Do not use the product in wet or damp environment such as bathtub, sink, bath and pool.

## Device Cleaning



Do not clean the product with solvent (thinner, gasoline, acid etc.) or abrasive cleaning products. Avoid cleaning with vapour cleaning tools.

## Heat Sources and Fire



Do not leave the device directly exposed to sunlight or other heat sources. Do not place the device near open fire or intense heat sources such as electric heater.

## 2: Description and Properties

Inohom T-Bell touch-operated door bell (TB1900) enables ease-of-use for living spaces such as flats, villas or offices. You can see who is at the door without opening the door with the integrated camera system.

The glass design and navy blue button offer the elegance and technology together.

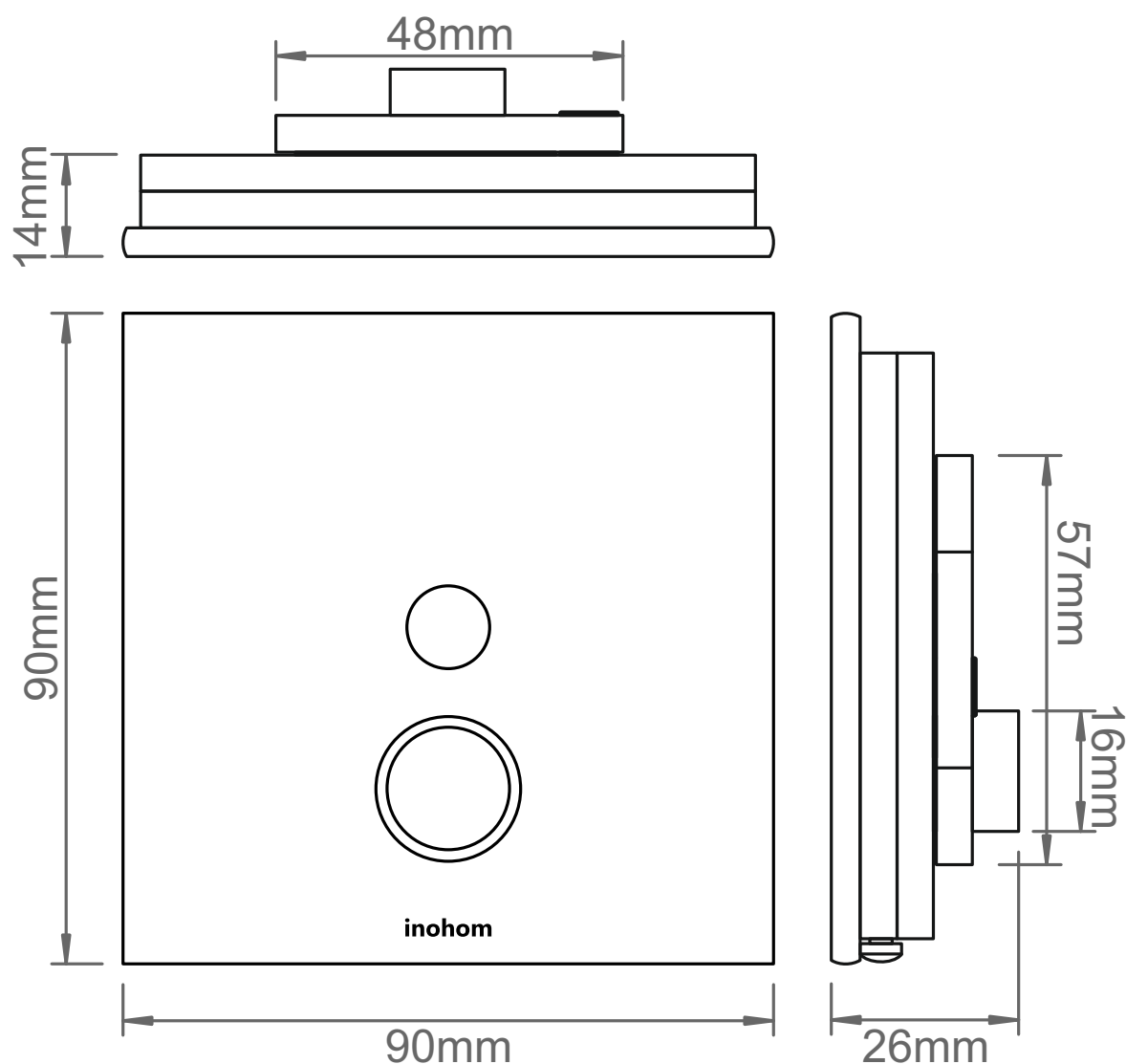
The touch-operated bell switch designed for flats and villas shows high performance with 150° wide angle camera lens.

## 3: Technical Properties

### 3.1: Technical Details

Supply Voltage	12VDC
Power Consumption	1.2W (Max)
Camera Resolution	1600 X 1200 (2MP)
Camera Focus Length	0,9mm
Camera Angle	150°
Integration	Works Integrated with Nova Panel
Buttons	1CH Capacitive Touchscreen
Operating System	inohom OS
Connections	RJ45
Protection Class	IP 20
Operating Temperature	0 - 50°C
Relative Humidity	Max 50°C %65 Ambient Humidity
Height	Max 2000m
Dimension	90mm x 90mm x 26mm
Installation	Surface Wall Mounting
EMC Standards	EN55032:2015, EN55024:2011, EN62368-1
Design	4mm Tempered Glass Surface

## 3.2: Technical Drawing



## 4: Installation

### 4.1: Before Installation



Unsuitable connections against the manual might cause health, life or material damage risk.

- Do not power on the device before all the connections are completed.
- Check the device user manual to create a secure connection.
- Do not make any connections other than the connections specified in the scheme.
- Do not connect with devices that do not comply with security standards.

## 4.2: Mechanical and Electrical Assembly

### 4.2.1: Electrical Assembly



The RJ45 connector on the device is only designed for Nova Panel connection. If the device is connected to other devices with the same connector structure such as computer, modem and switch, your device or T-Bell might be damaged and the products would be out of warranty.

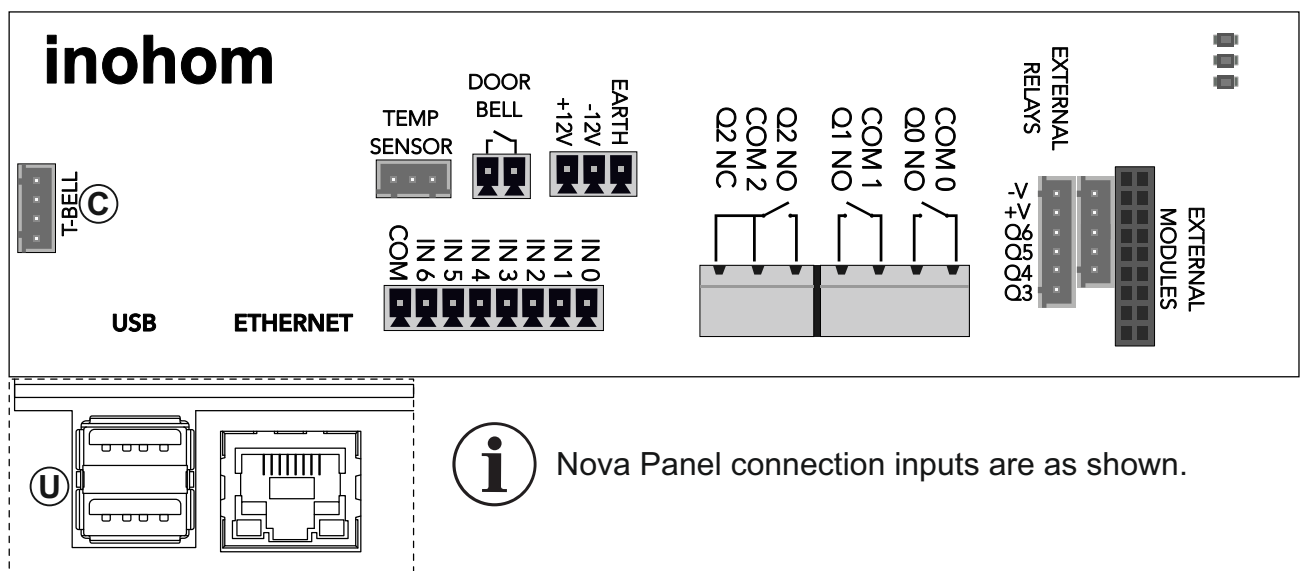
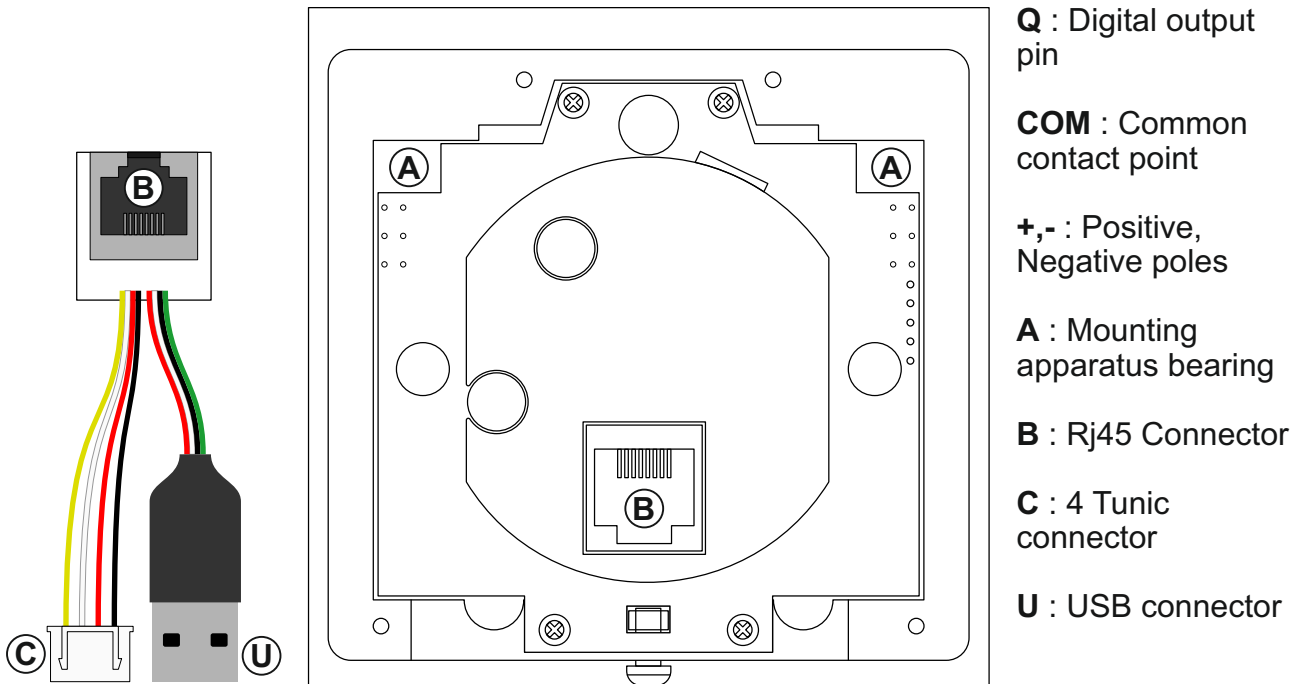


CAT6 cable should be used and the cable must be maximum 18 metres long.

Image loss might occur if a different cable or a cable longer than 18 meters is used.



Connect the RJ45 connectors designated with the “B” letter to each other with CAT6 cable. Then, place the 4-tunic connector designated with the “C” letter to the Nova Panel. Lastly, complete the installation by placing the USB connector designated with the letter “U” on the device.



### 4.2.2: Mechanical Assembly

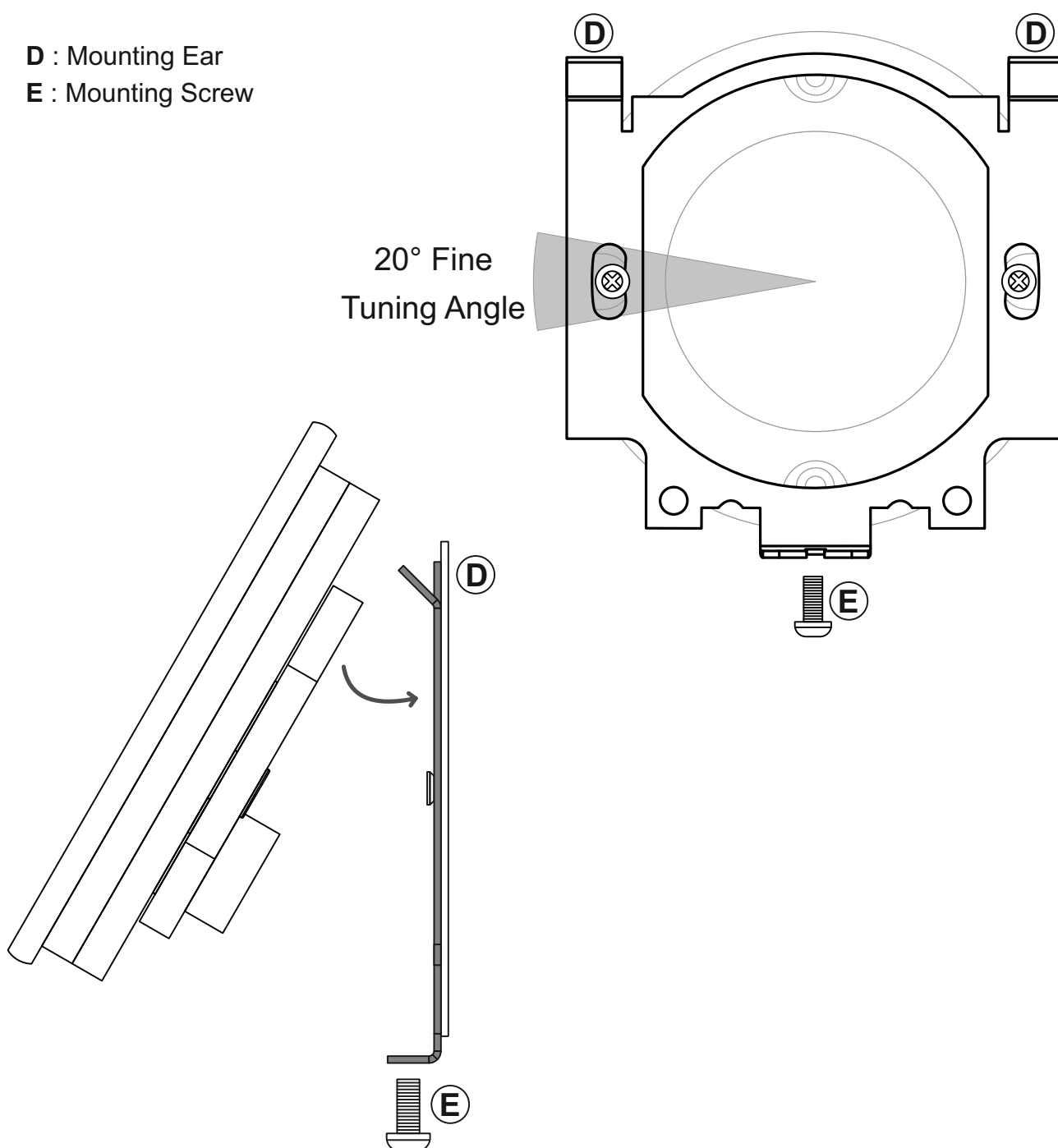
**i** The product mounting apparatus is designed with European standard flush mounted box dimensions. The flush mounted box should be placed 150 cm above the ground. Use the mounting apparatus in the box for mounting. Please use the corresponding holes of mounting apparatus to mount switch case. Make sure that the apparatus is perpendicularly mounted to the ground. The holes on the mounting metal sheet allows 20° deviation for fine tuning.

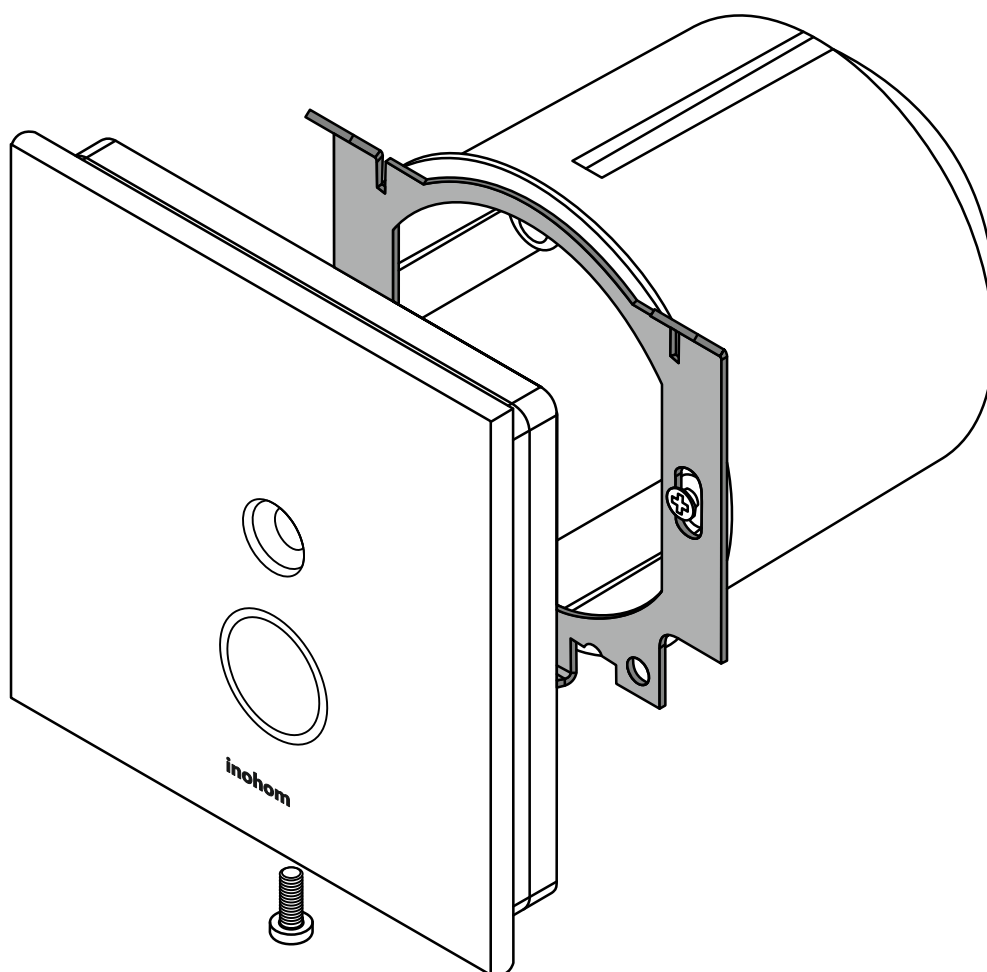


Please avoid overtightening the lower mounting screw.

**D** : Mounting Ear

**E** : Mounting Screw

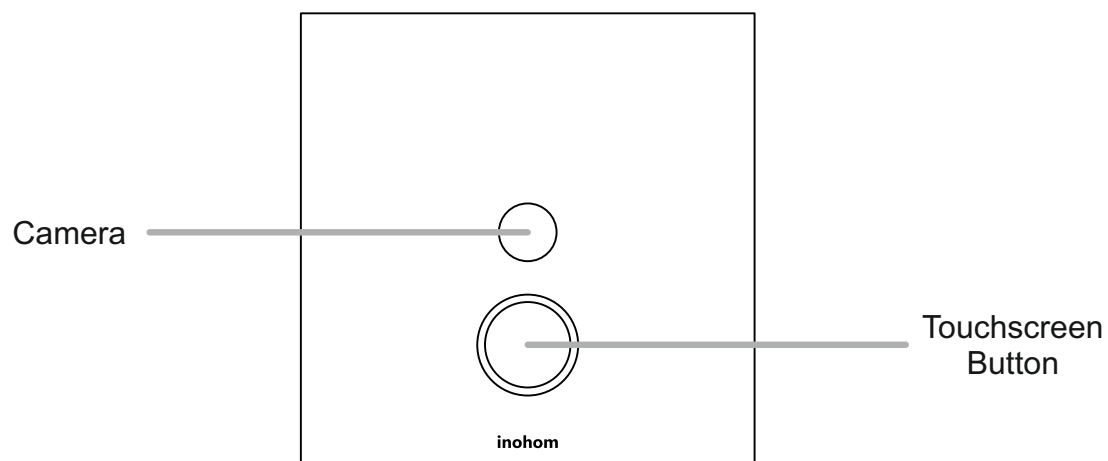




## 5: Button Functions



The only function of the touchscreen button is to trigger the doorbell.





## 6: Commissioning



The commissioning of the inohom products after assembly is completed by the authorized inohom dealers and technical staff. Detailed management panel interface ensured communication and other settings between the devices.

## 7: Regulations

### Legal Warning

The properties, functionalities and other product properties can be changed without prior notice. inohom reserves the right to review or update the products, software or documents without any liability to notify any individuals or organizations. Inohom is a trademark of GST Elektronik A.Ş. All other brand and product names herein are the trademarks of their respective owners.

### Declaration of Conformity



The company has ISO 9001 Quality Management, 14001 Environment Management, 45001 Occupational Health and Safety Standards.



The domestic production logo on all the products show that themanufacturing and software are 100% completed in Turkey.



CE mark is a free trademark only for authorized officials and this mark does not contain any property assurance.



The product box is manufactured from a recyclable material. Do not discard the package waste with domestic or other waste and recycle package wastes.



The devices tagged with WEEE symbol shall not be discarded with other domestic waste. The product should be delivered to the related collection point for waste electric and electronic equipment recycle.

# inohom

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