# Installation Instructions-V1.1
## VPS – Video Panel System

# Table of Contents

# 1. Product Overview

## 1.1. Introduction to Product

Thank you for selecting our product, the VPS-Video Panel System, providing you with a wireless video intercom touch panel screen. Enjoy effortless and swift installation without the need for infrastructure. This system enables you to make video calls and manage settings conveniently through the PalGate App and WEB portal.
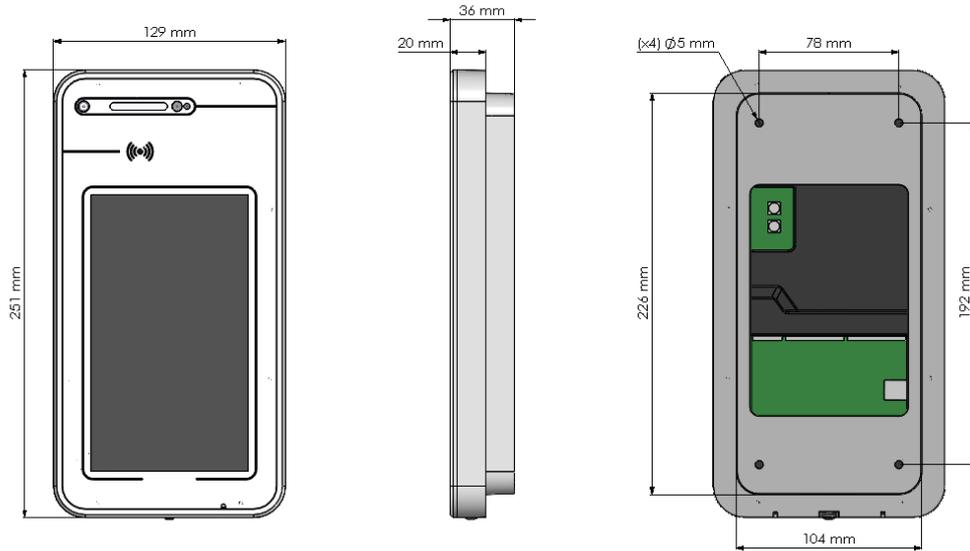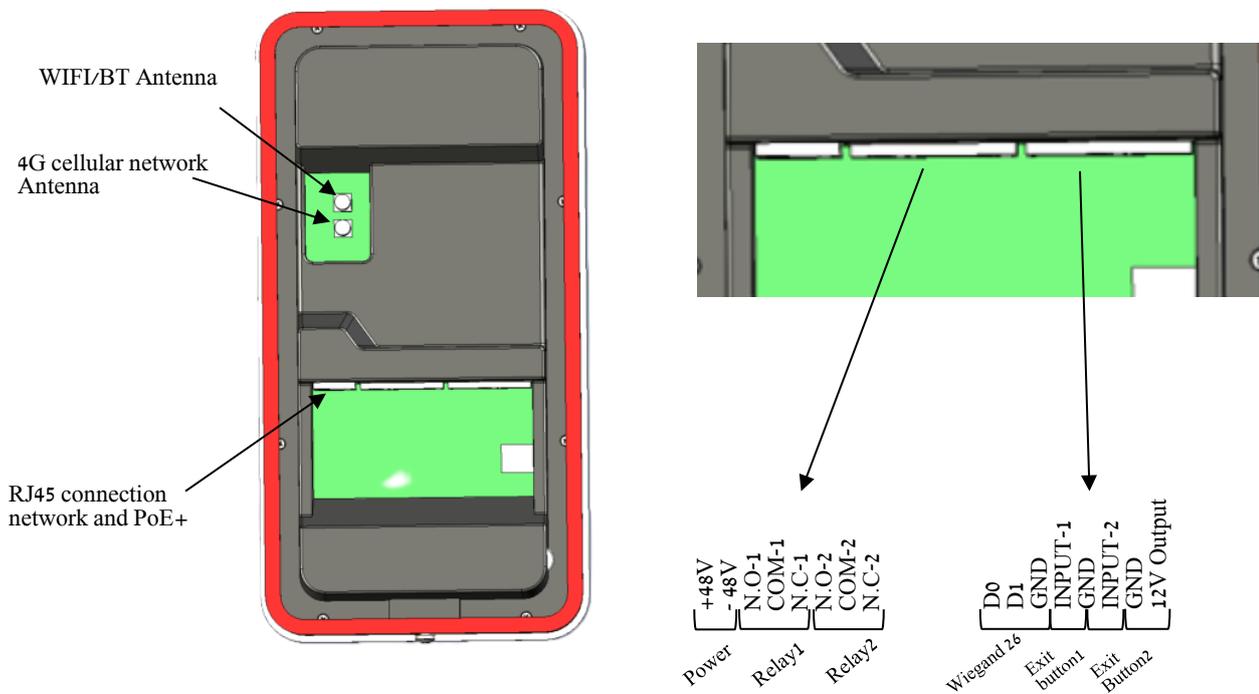
## 1.2. Specification



Camera

LED

MFC/RFID

20 W 34th St, New York

| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| * | 0 | ⌫ |

LCD Touch Screen

microphone

## 1.3. Features

| Display Size | 7-inch |
|---|---|
| Display Resolution | 720x1280 |
| Touch Screen | √ |
| Anti vandal design | √ |
| Anti vandal glass | √ |
| camera | 8M pixels<br>View Angle 120° |
| cellular network supported | 4G / 3G / 2G |
| Wi-Fi 802.11a/b/g/n | 2400MHz~2482MHz<br>5180MHz~5825MHz |
| Bluetooth | BT4.2 LE |
| NFC | 13.56 MHz |
| Ethernet | RJ45, 10/100Mbps |
| Relay | 2 * Relays (N.O/N.C) |
| Input | 2 * Input |
| Supports App | Android / iOS |
| PoE | Fully-Integrated IEEE 802.3-Compliant POE+ PD Interface |
| Card reader | NFCIP-1<br>NFCIP-2<br>ISO/IEC 14443<br>ISO/IEC 15693<br>MIFARE |
| Audio Interfaces | Speaker: Hidden powerful 15W/4Ω<br>Microphone: -42dB ±3dB @ 94dB SPL |
| Installation | Wall-mounted<br>Flush-mounthed |
| Power Supply | DC 48V or/and PoE+ |
| Power Output | DC 12V 2.5A |
| Working Temperature | _-20 to 65°C |
| Touch Panel Interface | √ |
| Ambient Light Sensor | √ |
| Wiegand 26bit reader | √ |
| SD Card Interface | √ |
| Physical Characteristics | Size: 251.6 x 129.6 mm |
| languages | English,Hebrew,Russian,Spanish,Dutch |

## 1.4. Dimension



129 mm
251 mm
36 mm
20 mm
(x4) Ø5 mm
78 mm
226 mm
192 mm
104 mm

## 1.5. Interface Introduction



WIFI/BT Antenna

4G cellular network Antenna

RJ45 connection network and PoE+

+48V
- 48V
N.O-1
COM-1
N.C-1
N.O-2
COM-2
N.C-2

Power
Relay1
Relay2

D0
D1
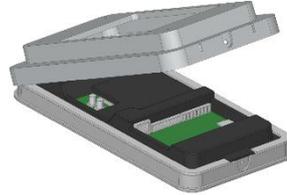GND
INPUT-1
GND
INPUT-2
GND
12V Output

Wiegand 26
Exit button1
Exit Button2

# 2. Installation instructions
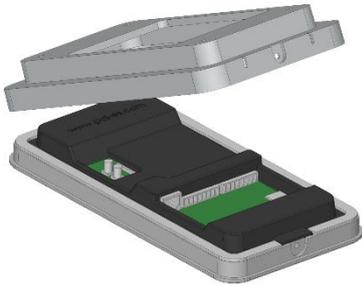
## 2.1.Wall-mounted installation

**Step 1**- Please loosen the screw.

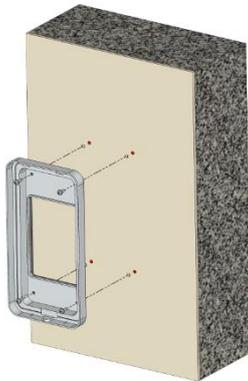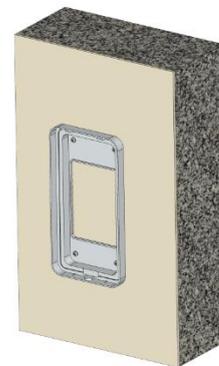**Step 2-** Separate the panel from the back cover.

**Step 3**

**Step 4**- Stick the gasket to the rear of the unit, (to prevent water from entering).
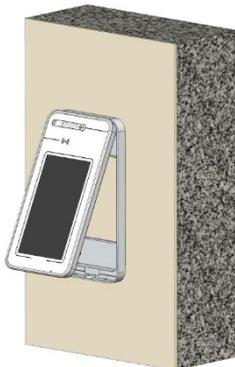
**Step 5-** Secure it by tightening the screws to the wall.
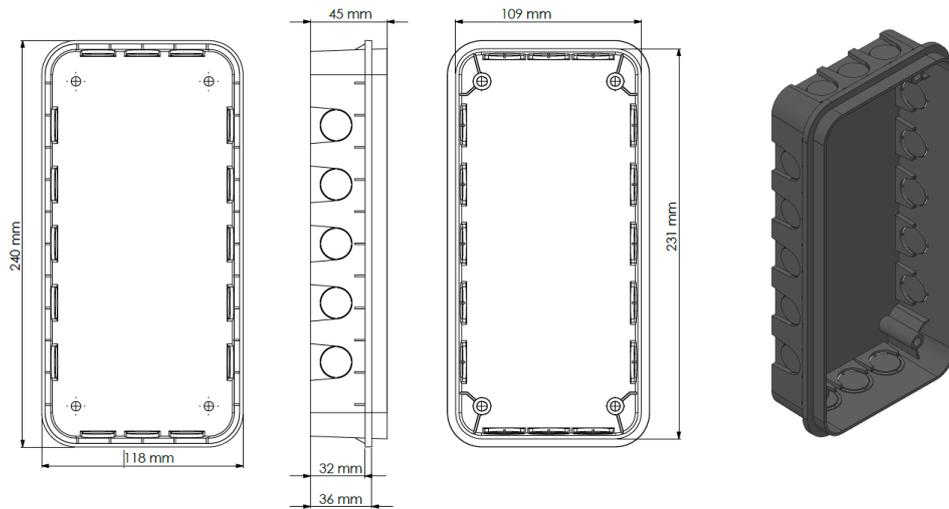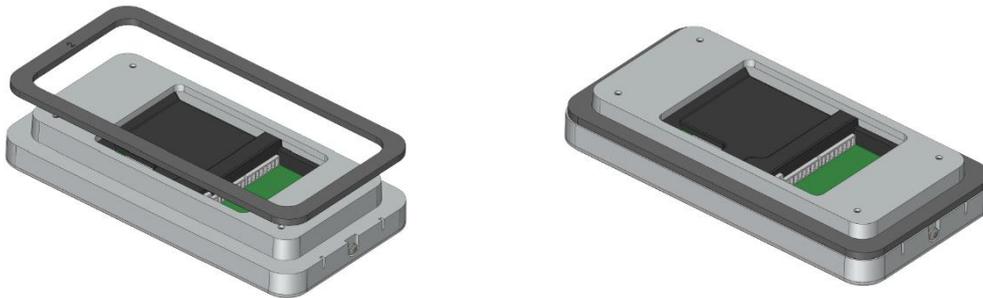
**Step 6**

**Step 7**

**Step 8-** Fix VPS front panel on the case with screws.
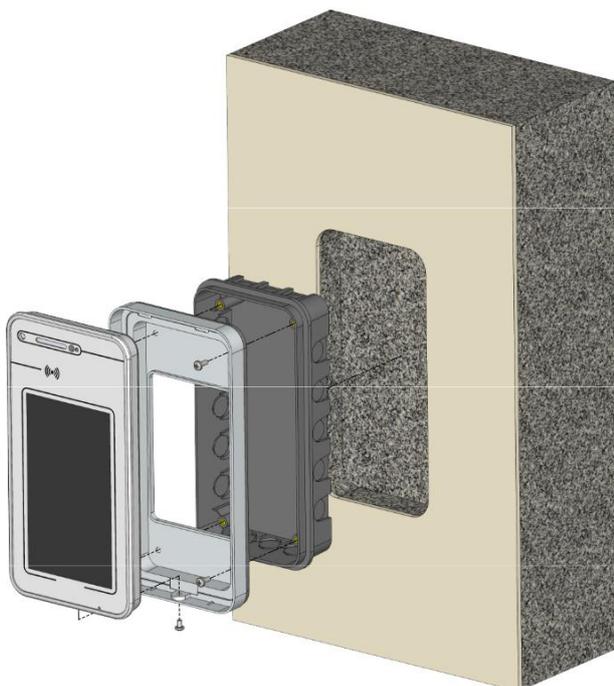
## 2.2. Flush-mounted.



**Step 1 -** Stick the gasket to the rear of the unit, (to prevent water from entering).



**Step 2**

## 2.3. Installation Height



The recommended installation height for the camera is 1.5 meters (4.9 feet) above the ground.
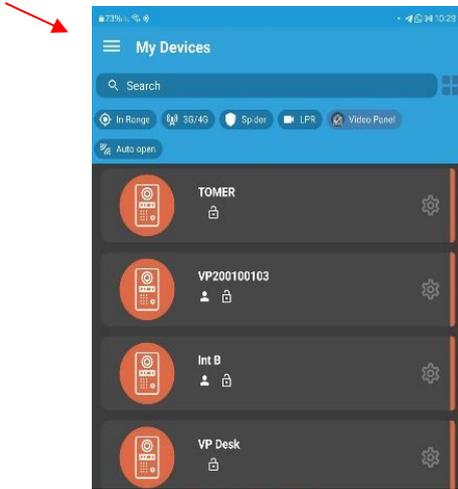
# 3. Setup a new device

There are two options available for system setup: through the PalGate application or via the WEB portal.
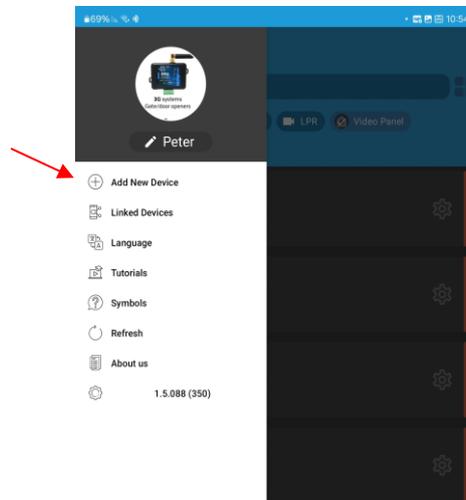
## 3.1. New device setup via the PalGate application

You may download our App from either the Apple App Store or from Google Play by searching for the name "PalGate". If you prefer, you can access a direct link by scanning the QR codes below
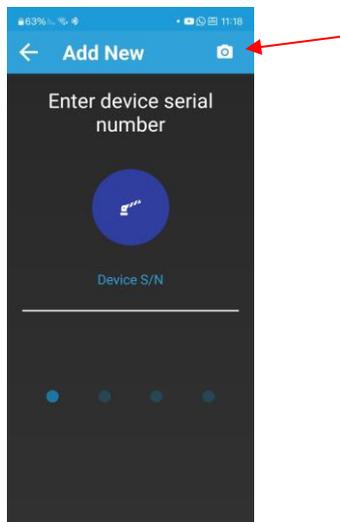
**Step1**- Launch the app and tap on the three horizontal lines located at the top-left corner of the screen.

**Step2**- Press on 'Add New Device.





**Step3**- Press on the camera icon located at the top-right corner of the screen.

**Step4**-Proceed to scan the QR code displayed on the VPS screen.
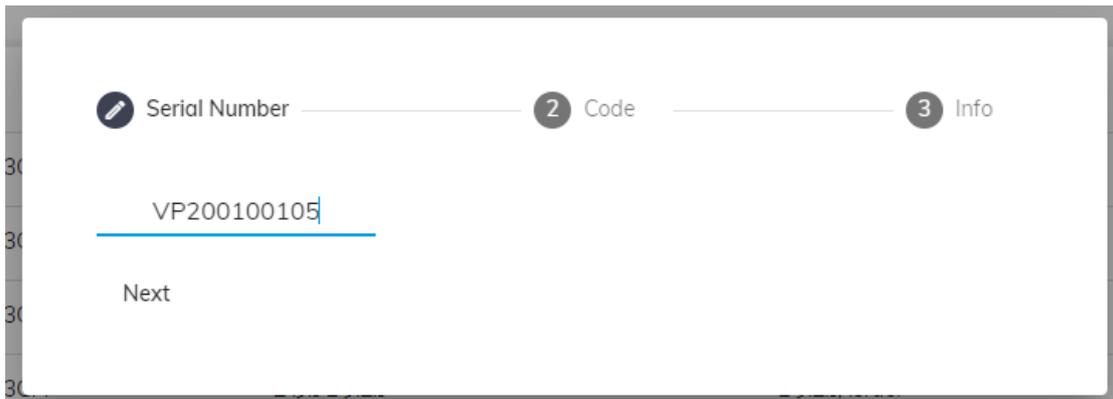




**Step5**- Proceed with the setup process and follow the instructions provided within the application. Upon completion of this process, the system setup will be successfully finalized.
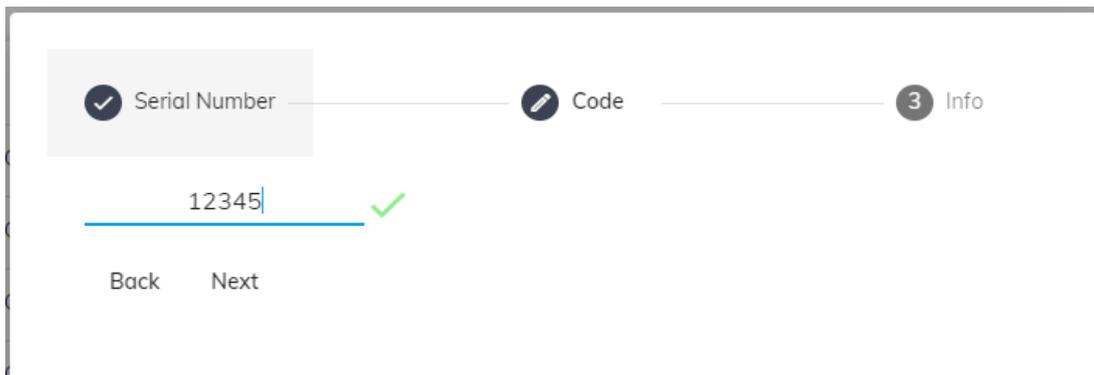
### 3.2. New device Setup via the PAL Portal

**Step1**- Sign into the PAL Portal and you will see the homepage.
Click on "Devices" and on the + button to add a new device.



**Step2**- This will open a window (below) where you are asked to enter the Serial number of the device and then click next. This number will begin with VP followed by 9 digits and can be found on the sticker on the PAL packaging or on the back of the device.



**Step3**- After you enter the Serial # you will be asked to enter a code and then click next. The code is a 5-digit number shown on the sticker on the PAL packaging or on the back of the device.

**Step4**- Next you will enter the address of the new device. This can be as simple as a city and state or can be an exact street address. The name is what the account administrator will name the device and Output 1 is the name of the device the VPS unit will be controlling.
CLICK THE SAVE BUTTON ONCE THIS INFORMATION HAS BEEN ENTERED



Important Information:
The system works via a cellular network using 4G technology. In addition, the system's performance is dependent on the existence of coverage by the cellular network. Pal Electronics Systems Ltd. is not responsible for non-coverage of the cellular network. The customer is responsible for ensuring that there is cellular network reception using 4G technology