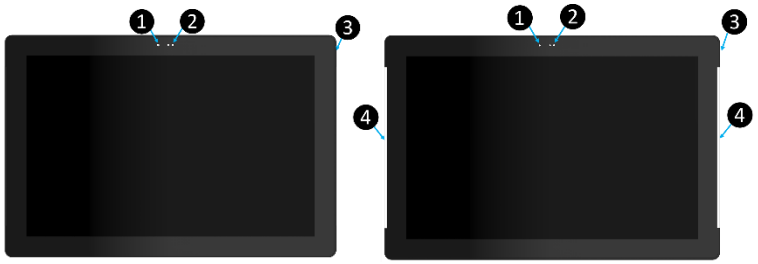
BRTSys

PanL PD100 Display Quick Start Guide

Please visit http://brtsys.com/warranty or scan the QR code for warranty registration with the UUID and Product Key below:

STICKER AREA

Product Features



PSL Version PRM Version

1. **Ambient Light Sensor** - Automatic screen brightness control
2. **Time of Flight Sensor** - Reserved for Close Object detection
3. **Buzzer**
4. **Status indicator LED Strips** - Refer to the LED Status Indicator section for more details (PRM Version only)

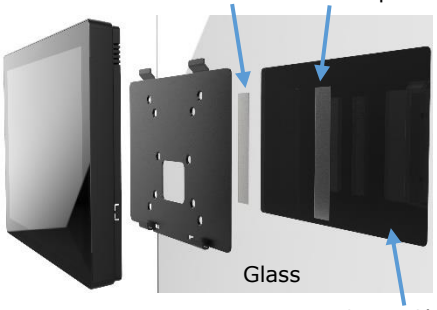
Mounting

PD100 allows different mounting options:

1. Wall Mount

2. Electrical Junction Box Mount

3. Glass Mount

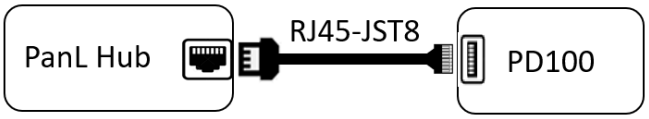


Mounting

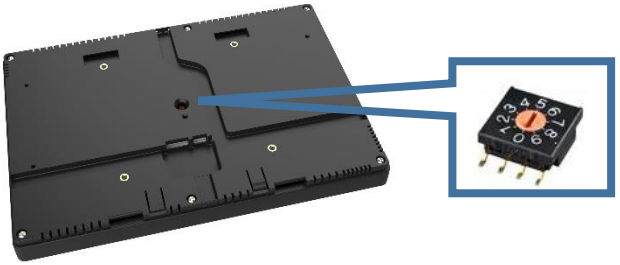
4. VESA Mount

Display Installation

- Use the RJ45-JST8 cable (in the product package) to connect the PD100 display to the PanL Hub port. The Cable can reach a maximum length of 100 meters if needed. The cable has an RJ45 plug. Therefore, note that an RJ45 socket to RJ45 socket adapter needs to be used if the extension cable is a plug-to-plug type such as an Ethernet patch cable.
- A PanL Hub port can only be connected to one PD100 display at a time; Daisy chaining is not applicable.
- An RS485 terminator is built into the PD100 display and enabled.



ID Switch Configuration



- ID switch on the back of the displays can be configured for unique settings or left as factory default. Factory default is 0.
- Use a Philips head screwdriver to set a unique number between 0-7 **(8- 9 are reserved)**.

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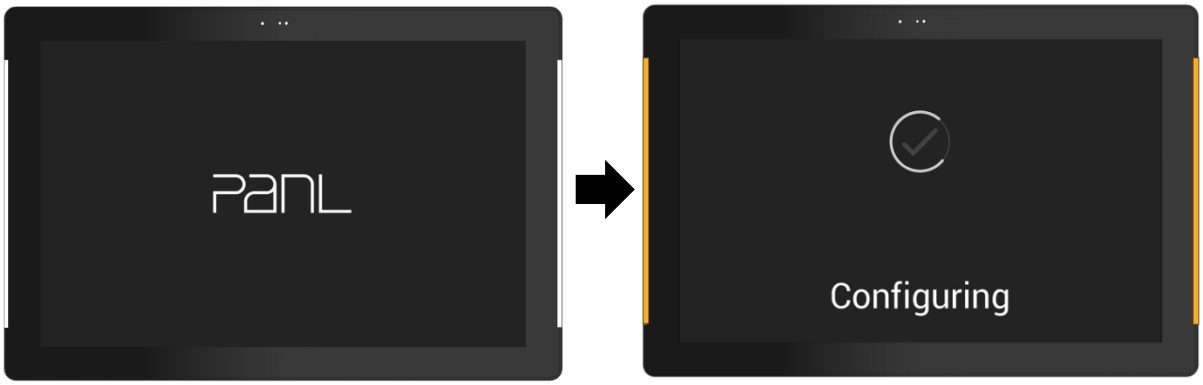
Device Start up Animation/Image After Power Up

PD100 will display the following startup animation/image after connecting to the PanL Hub and powering ON. The LEDs on the PRM version will blink.

PSL Version



PRM Version

LED Status Indicator

The LED indicator at the side of the PD100 Display shows different display status as detailed in the table below -

Status	LED Color (Normal Mode)		LED Color (Failsafe Mode)	
Booting Up	Red		Red	
Boot Success	Cyan		Red (Blink at 2Hz)	
Lost Link to Hub	Orange		Red (Blink at 2Hz)	
Communication Error	Red (Blink at 2Hz)			
While communicating with Hub	NA	NA	Red (Blink at 2Hz)	
Waiting for Recovery	NA	NA	Red <-> Cyan at 2Hz	
Recovery in Progress	NA	NA	Red <-> Orange at 2Hz	
Recovery Done	NA	NA	Cyan (Blink at 2Hz)	
Waiting for Configuration	Orange (Blink at 2Hz)		NA	NA
License Expiry	Red		NA	NA

Note: PD100 enters Normal Mode when there are no failures; on the other hand, it enters FailSafe Mode if there are any failures. As an example, PD100 enters FailSafe mode if an application image cannot be loaded. Use the application recovery feature to recover in this case.

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FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a building installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must not be co-located or operating in conjunction with any other antenna or transmitter.