



1. Introduction

This document is prepared for the Smartphone dock approval process which is used in the PENINSULA hotels. This document includes User Manual and Schematics.

2. User Manual

The smartphone dock is designed for streaming the video by micro-USB of Android phone or Lightning connector of iPhone/iPad. The audio can also be streamed by Bluetooth with NFC fast pairing or with the directly AUX input. The smartphone dock can be controlled by network command. It is a part of the PENINSULA ELV system.

3. Smartphone dock Specification

- 3.1 Streaming iPhone and iPod video and screen output to TV with HDMI output
- 3.2 Streaming Android phone video and screen output to TV by MHL
- 3.3 Charging the phone when iPhone or Android phone is streaming video.
- 3.4 Streaming audio by Bluetooth.
- 3.5 NFC for fast pairing between the Bluetooth and guest's mobile device.
- 3.6 AUX input for audio
- 3.7 USB port for other mobile devices charging
- 3.8 Low voltage +5VDC operated.

4. Electrical Socket Specification

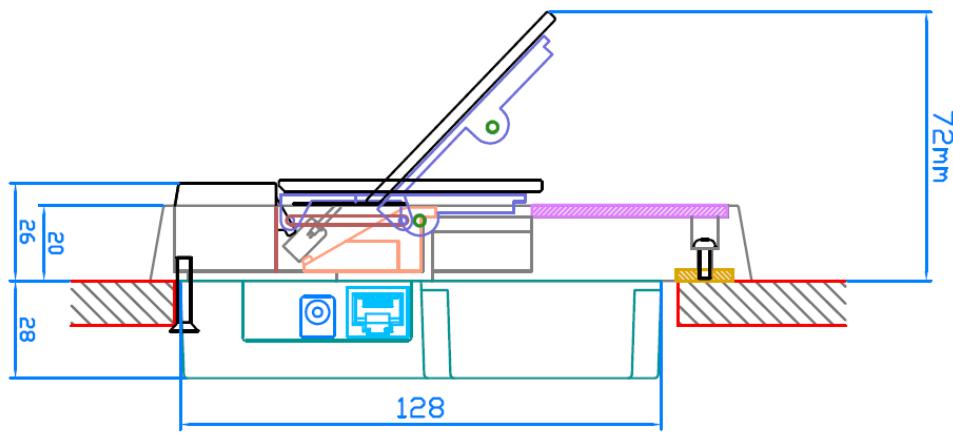
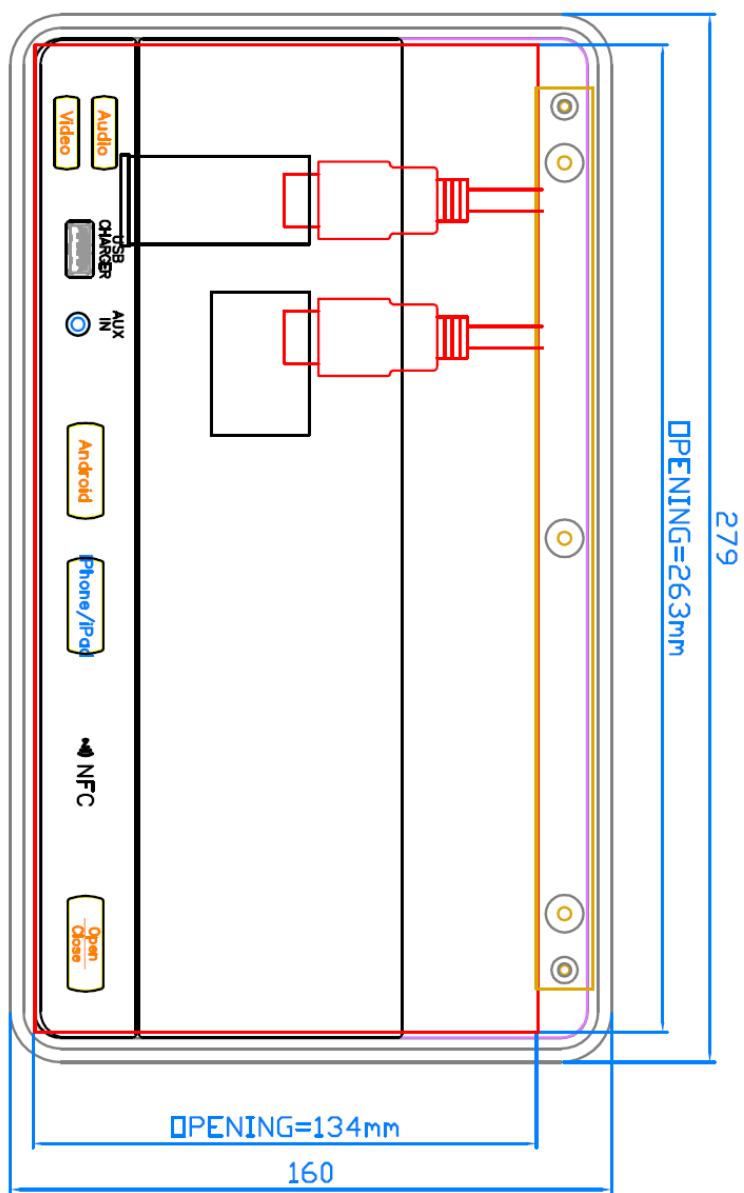
All sockets for power, signal input and signal output are tabulated as follows.

Port name	Socket type	Pin Assignment	Description
DC jack	2pin DC jack	+5V and Ground	Power input
Network	Standard RJ45 header	Standard T568B	Control port
Audio AUX output	4pin MKK	Left, GND, right and GND	Audio output
Micro-USB	5pin USB	VCC, D-, D+, none, GND	MHL input
Lightning connector	Standard Lightning	Standard Lightning	iPhone connector
HDMI 1	Standard HDMI	Standard HDMI	HDMI output
HDMI 2	Standard HDMI	Standard HDMI	HDMI output
Audio AUX input	3.5mm Audio jack	Left, right and ground	Guest audio input
USB charger	4pin USB	+5V, +2.8V,+2.8V and GND	USB charger port

5. Smartphone dock appearance :

Button function

- 5.1. "Open/Close" - To open or close the cover.
- 5.2. "iPhone/iPad" - Enable the iPhone video function.
- 5.3. "Android" - Enable the Android phone video function.
- 5.4. "Audio" - Enable the Bluetooth functions.
- 5.5. "Video" - Switch the system to video input.





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 residential 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.