

HDL-MTS57.1WI
S57 Multifunctional Touch Panel

Datasheet

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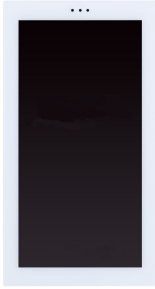


Figure 1. S57 Multifunctional Touch Panel

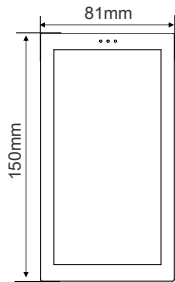


Figure 2. Dimensions - Front View

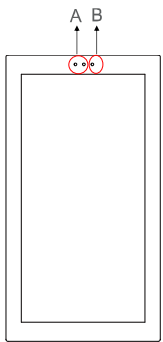


Figure 3. Components - Front View

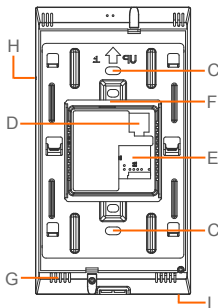


Figure 4. Components - Back View (with mounting bracket)

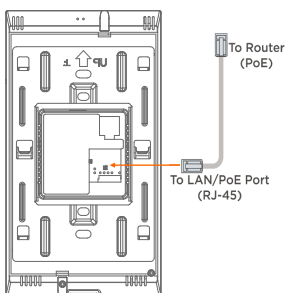


Figure 5. Ethernet Connection

Overview

S57 Multifunctional Touch Panel (See Figure 1), designed for smart home and building, is equipped with a 5.7" TFT display with 1280x640 resolution, supporting capacitive multi-touch. It also supports network connection via Ethernet, Wi-Fi and Bluetooth. With built-in light sensor, the display automatically regulates its brightness according to ambient light level to provide optimum visual effects. When the built-in proximity sensor detects gestures within 30cm, the display wakes up for control.

Specifications

- Built-in proximity sensor and light sensor.
- Supports network connections via Wi-Fi, Ethernet and Bluetooth.
- Micro 5PIN USB interface for data transmission.
- Android 6.0 operating system and pre-installed WallApp.
- Power supply by PoE (802.3 af/802.3 at compliant) or 24V DC.

Important Notes

- The touch panel should be installed in rectangle wall box with fixing holes 83mm apart.
- PoE is compliant with 802.3 af/802.3 at.

Product Information

Dimensions - See Figure 2

Components - See Figure 3 - 4

- A. Proximity sensor
- B. Light sensor
- C. Fixing holes 83mm apart
- D. 24V DC power connector
- E. LAN/PoE port
- F. Micro USB interface
- G. Speaker
- H. Reset button
- I. Microphone

Ethernet connection - See Figure 5

Installation - See Figure 6 - 8

- Step 1. Install the wall box into the wall and fix it with screws.
- Step 2. Secure the mounting bracket to the wall box with screws.
- Step 3. Insert and fix the panel onto the mounting bracket.

Safety Precautions

- The installation and commissioning of the device must be carried out by HDL or the organization designated by HDL. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device should be installed in a special-designed wall box. HDL does not take responsibility for all the consequences caused by installation and wire connection that are not in accordance with this document.
- Please do not privately disassemble the device or change components, otherwise it may cause mechanical failure, electric shock, fire or body injury.
- Please resort to our customer service department or designated agencies for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

Package Contents

HDL-MTS57.1WI (With wall box) *1 / Mounting bracket*1 / Screw*2 / Power cable*1 / Datasheet*1

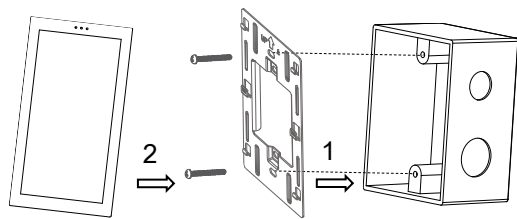


Figure 8. Panel
Figure 7. Mounting bracket
Figure 6. Wall box
Figure 6 - 8. Installation

Technical Data

Basic Parameters

Power supply	24V DC, 0.5A or PoE
Chipset	Allwinner A64, 4 core A53
CPU	Quad_core 1.5G
RAM+ROM	2GB RAM+8GB ROM, DDR3
Touch screen	Capacitive screen
Screen dimensions	5.7 inches
Screen resolution	1280*640, 260ppi
Screen ratio	18:9
Operating system	Android 6.0
Micro USB interface	Used for data transmission
RJ45	LAN/PoE port, Self-Adaptive 10/100Mbps
Network connection	Wi-Fi, Ethernet and Bluetooth

External Environment

Working temperature	-5°C~45°C
Working relative humidity	≤85%
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%

Specifications

Dimensions	150×81×13.5(mm) (The thickness does not include the bottom raised parts.)
Net weight	200g
Housing material	Glass, aluminum alloy, plastic
Installation	Wall box (See Figure 6 - 8) Wall box dimensions: 105×68mm Hole spacing: 77-88mm
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	x	-	-
Solder	x	o	o	o	-	-
PCB	x	o	o	o	o	o
IC	o	o	o	o	x	x
Glass	o	o	o	o	o	o

The symbol "-" indicates that the hazardous substance is not contained.

The symbol "o" indicates that the content of the hazardous substances in all the homogeneous materials of the component is below the limit requirement specified in the Standard IEC62321-2015.

The symbol "x" indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in the Standard IEC62321-2015.

Technical support

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