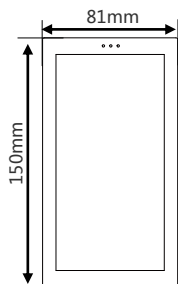
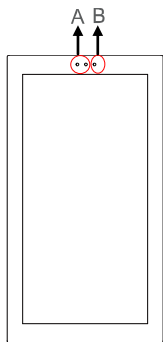
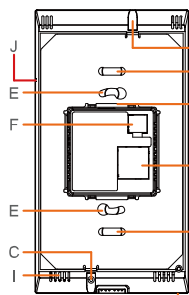
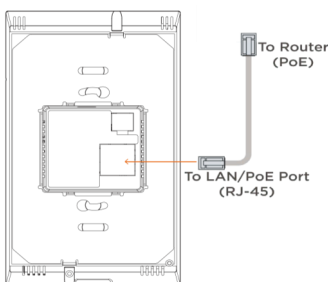


Figure 1. S57 Touch Panel
图 1. S57 触控屏Figure 2. Dimensions - Front View
图 2. 尺寸图 - 正面Figure 3. Components - Front View
图 3. 部件 - 正面图Figure 4. Components - Back View
图 4. 部件 - 背面图Figure 5. Ethernet Connection
图 5. 网络连接

Overview

S57 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 transfer.
- Android 6.0 operating system and pre-installed HDL ON app.
- Power supply by PoE (802.3 af/802.3 at compliant) or 24V DC.

Important Notes

- The touch panel should be installed in square wall box with fixing holes 60mm apart or 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. Screws for mounting bracket
- D. Fixing holes 83mm apart
- E. Fixing holes 60mm apart
- F. 24V DC power connector
- G. LAN/PoE port
- H. Micro USB interface
- I. Speaker
- J. Reset button
- K. 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 the panel onto the mounting bracket and tighten the screws

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*4 /
Datasheet*1 / Warranty card*1

产品概述

S57触控屏（见图1）是一款专门用于智能家居和智能建筑的触摸屏。它采用全志A64 4核A53芯片，配置5.7寸，分辨率1280x640 TFT多点电容触控屏。此触控屏支持Wi-Fi，有线以太网接口和蓝牙数据网络连接。亮度传感器，根据设备目前所处的光线亮度，自动调节设备屏幕亮度，给用户带来最佳的视觉效果；其内置的距离传感器可实时检测室内人体移动，当人体靠近触摸屏30cm内，app可自动唤醒屏幕背光，提供非常便捷的控制方式。

规格

- 距离传感器和亮度传感器
- 支持Wi-Fi，有线以太网接口(RJ45)和蓝牙数据网络连接
- 配有Micro 5 PIN USB接口，可用于数据传输
- Android 6.0操作系统，预装HDL ON软件
- 支持24V，POE二种供电方式

注意事项

- 触控屏必须安装在专用的底盒里，孔距60mm正方形底盒或孔距83mm的长方形底盒。
- 触控屏若通过以太网进行供电，需要连接一台符合802.3at兼容802.3af标准的PoE路由器。若没有PoE路由器，也可以使用交换机。

产品信息

产品尺寸 - 见图 2

产品部件 - 见图 3-4

- A. 距离传感器
- B. 亮度传感器
- C. 钢片锁定螺丝
- D. 标准118底盒锁定螺丝位
- E. 标准86底盒锁定螺丝位
- F. 24V直流电源
- G. RJ45 PoE接口: 10/100自适应RJ45接口，支持PoE供电。
- H. Micro USB接口
- I. 扬声器
- J. 复位键
- K. 麦克风

网络连接 - 见图 5

设备安装 - 见图 6-8

- 步骤1. 预先将底盒装进面板预留的墙洞内，用螺丝固定。
- 步骤2. 安装面板时，先将不锈钢垫片用螺丝固定在底盒上。
- 步骤3. 将面板卡入不锈钢垫片的扣位上，然后用螺丝将面板与不锈钢垫片固定。

安全警告



- 本设备的安装及调试工作必须由我司或我司指派的机构进行。其电气安装的计划和施工，必须遵守当地相关的安全标准和法规。
- 该产品需安装在专用暗盒内，未按照本说明书进行安装及接线方式的，所造成的一切后果皆与我司无关。
- 请不要私自拆装或更换零部件，否则可能会导致机械故障、电击、火灾或身体伤害。
- 请将一切维修工作交由我司售后部门或指定机构进行，本产品的保修范围不适用于因用户拆卸产品而导致的故障。

装箱清单

HDL-MTS57.1WI (带底盒)*1 / 不锈钢垫片*1 / 螺丝*4 / 说明书*1 /
保修卡*1

Technical Data

Electrical Parameters

Working voltage	24V DC, 0.5A or PoE
Working current	148mA / 24V DC
Standby current	80mA / 24V DC
Chipset	Allwinner A64, 4 core A53
CPU	Quad_core 1.5G
RAM+ROM	1GB 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)
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Harmful Substances in Products

Harmful substances	Part components			
	Circuit board	Housing	Wire	Accessory
Lead (Pb)	○	○	○	○
Mercury (Hg)	○	○	○	○
Cadmium (Cd)	○	○	○	○
Cr, VI	○	○	○	○
Poly-brominated biphenyls (PBB)	○	○	○	○
Poly-brominated diphenyl ethers (PBDE)	○	○	○	○

The circle symbol "○" indicates that the content of the harmful substances in all the homogeneous materials of the component is below the limit required by the Standard IEC62321-2015.

技术参数

电气参数

工作电压	24V DC, 0.5A 或 PoE
工作电流	148mA / 24V DC
待机电流	80mA / 24V DC
芯片	全志 A64 4核A53
CPU	Quad_core 1.5G
RAM+ROM	1GB RAM+8GB ROM, DDR3
触摸屏	电容屏
屏幕尺寸	5.7英寸
屏幕分辨率	1280* 640, 260ppi
屏幕比例	18 : 9
操作系统	Android 6.0
Micro USB接口	可用于数据传输
RJ45 PoE接口	10/100自适应RJ45接口，支持PoE供电
数据网络	Wi-Fi，有线以太网接口(RJ45)和蓝牙

外部环境

工作温度	-5°C~45°C
工作相对湿度	≤85%
储存温度	-20°C~60°C
储存相对湿度	≤93%

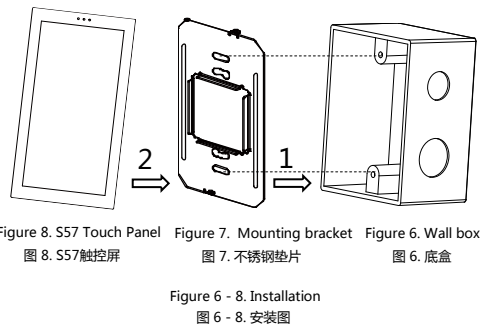
产品规格

尺寸	150×81×13.5(mm) (厚度不包含底部凸起头)
净重	200g
外壳材料	玻璃，铝合金，塑料
安装方式	暗盒安装 (见图6-8)
防护级别 (符合 EN 60529)	IP20

产品中有害物质的名称及含量

有害物质	零部件			
	电路板	外壳	线材	附件
铅(Pb)	○	○	○	○
汞 (Hg)	○	○	○	○
镉 (Cd)	○	○	○	○
六价铬 (Cr , VI)	○	○	○	○
多溴联苯 (PBB)	○	○	○	○
多溴二苯醚(PBDE)	○	○	○	○

圆圈符号“○”，表示该有害物质在该部件所有均质材料中的含量均在IEC62321-2015规定的限量要求以下。



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