

P6

Control Panel



Product Introduction

The P6 control panel is a cutting-edge intelligent control hub, delivering a seamlessly integrated experience. Featuring a 4-inch IPS full-screen display with a 720*720 RGB resolution, the P6 perfectly combines stylish design with powerful functionality. Powered by the powerful Amlogic S905D3 quad-core Cortex-A55 processor, running Android 9.0, it supports WiFi, Bluetooth, and optional Zigbee connectivity, making it a versatile hub for controlling smart devices. The panel features a capacitive touchscreen, dual digital microphones, a 1W built-in cavity speaker, and advanced features such as AI voice algorithms and a night light LED. Its low power consumption and durable design make the P6 an ideal choice for intelligent control, offering both online and offline voice control. It supports fast scene switching, volume control, playback control, and extensive custom settings, all for ease of use. Paired with other Soundfit audio products, it can meet diverse application needs.

Product Features

- Core Processor: Amlogic S905D3, Quad-Core Cortex-A55
- Capacitive touchscreen control with standard TCP/IP protocol transmission, no PC

configuration required

- Powered by PoE or 24V adapter, with hot backup
- Network control processor, unlimited distance
- 4-inch IPS slim-edge, ultra-thin full-screen operation
- Supports fast scene switching, volume control, playback control, and extensive custom settings for ease of use.

Specification

Display	4-inch IPS full-screen display, 720x720 RGB resolution
Touchscreen	Fully laminated capacitive touchscreen
CPU	Amlogic S905D3, quad-core Cortex-A55
RAM	1GB LPDDR4
Memory	8GB EMMC
Wi-Fi	AP6236A (IEEE 802.11b/g/n)
Bluetooth	BT 4.2
Zigbee	TYZS13 (reserved)
AI Voice Algorithm	Interactive query algorithm
RTC	Reserved
Operating System	Android 9.0
Buttons	Reset pinhole
MIC	Dual digital microphones
Speaker	Built-in 1W cavity speaker
LED	Night light reminder
Sensor	VL6180X three-in-one proximity, light, and

	infrared sensor (reserved)
Internal Interface	USB 2.0 port (1); Debug serial port (1); RS485: 1 (reserved); RJ45: 1 RJ45 port
Operating Temperature	-20° C, +60° C
Operating Humidity	90-95% RH
Standby Power Consumption	≤0.5W
Operating Power Consumption	3W
Power Input	5V 1A input on panel, 24V power supply for the entire unit
Accessories	Mounting screws, instruction manual
Dimensions	86*86*38mm
Weight	235g