

Product Specification

NSPanel Pro

Smart Home Control Panel



Basic Information

Product series	Smart home control panel
Type	Central control panel, gateway
Model	NSPanel86PB, NSPanel86PW
Voltage	100-240V AC 50/60Hz
Max. power consumption	5W MAX ; 150mA
Screen size	3,95"(Capacitive touch panel)
Screen resolution	480 x 480
Touch control	Support multi-touch
Audio output	7Ω, 1W speaker
Microphone	Two channels digital microphones
Light sensor	Adjust brightness according to ambient light automatically (ICC light sensor)
CPU	ARM Cortex-A35 CPU Quad-core ARM Cortex-A35 CPU
GPU	Mali-G31GPU
Soc	PX30
Certification	CE/UKCA/SRRC/ RoHS

Appearance

Color	NSPanel86PB: Dim Gray NSPanel86PW: White
Product Size	86x86x39,5mm
Package Size	91,5x91,5x50mm
Net Weight	180g
Total weight	226g
Casing material	PC V0 + CRS + Tempered glass panel

Features

Functions	NSPanel Pro is a smart scene control panel integrating touch screen, Zigbee hub and smart security feature. You can control the devices by adding them as widgets on the panel, add various Zigbee sub-devices through the built-in Zigbee gateway, set 3 security modes to guard your home, view the live view on the panel through an added camera
App operating system	Android & iOS

Wireless Standard

Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
Bluetooth	BT2.1+DER , BT 3.0 , BT4.2
Zigbee	IEEE 802.15.4 (Zigbee 3.0)
Antenna	FPC board with antenna
Security mode	WPA, WPA-PSK, WPA2, WPA2-PSK, WEP 64bit & 128 bit, IEEE 802.11x, IEEE 802.11i
Encryption type	WEP/TKIP/ AES

Working Environment

Applicable place	Indoor
Working temperature	0°C – 40°C
Working humidity	5%-90% RH, non-condensing
Working height	Less than 2000m

Installation

Installation method	1.Embedded (86 type or EU mounting box) 2.Use with enclosure stand, available to place on the desk. 3.Use with waterproof box, available to install in the bathroom.
Installaton type	Screws installation
Wiring way	N and L
Wire diameter	Φ 0,5-1,5mm(24-14AWG)