

SonaHMI SNTPO8

8" Automation HMI Panel — kiosk-mode touch control display

The SonaHMI SNTPO8 is an 8" touch HMI panel used as the end-user interface in building automation projects. It connects to an automation server on the local network, displays the visualization pages designed on the server in full screen, and relays touch interaction back to the server. It runs continuously in kiosk mode, 24/7, so the end user interacts only with the automation interface. It is managed remotely and centrally through SonaHMI Manager.

DISPLAY

Size / type	8" IPS touch
Resolution	1280 × 800
Brightness	350 cd/m ²
Colors	16.7M
Viewing angle	85° / 85° / 85° / 85°
Touch	Capacitive multi-touch
Active area	120.96 × 68.04 mm

CONNECTIVITY

Ethernet	RJ45 10/100/1000M (PoE capable)
Wireless	Wi-Fi 802.11 a/b/g/n
Serial	RS485
USB	Type-C

POWER

External supply	220 V AC
PoE	IEEE 802.3af / 802.3at
Consumption	~20 W max.

AUDIO

Audio	Built-in speaker + microphone
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MOUNTING & ENCLOSURE

Mounting	Flush (in-wall) / surface / panel
Box compatibility	86-type / US / EU back box
Dimensions (W×H×D)	200 × 124.59 × 37.7 mm (11.6 mm surface protrusion)
Net weight	0.4 kg
Material	Plastic enclosure + glass touch surface

ENVIRONMENT

Operating temperature	0 – 50 °C
Operating humidity	0% – 90% (non-condensing)
Storage temperature	0 – 60 °C



- **Kiosk mode — 24/7 operation**
On startup the SonaHMI application launches directly; with single-app lockdown and hidden system bars, the end user sees only the automation interface.
- **Automation server integration**
The server's visualization is shown full screen; page edits propagate to the panel automatically, with no need to touch the device.
- **Secure communication**
HTTPS and certificate-based encryption; operates on the local network with no cloud dependency.
- **Remote management — SonaHMI Manager**
OTA software updates, remote lock, screen on/off, Wi-Fi configuration, screensaver, PIN and reboot — all managed centrally.
- **Scalable deployment**
Up to 20 panels per automation server; each panel can display a different visualization page.
- **Many languages**
The interface is used in many languages, including right-to-left scripts.
- **Alarm and notification sounds**
Event-triggered audio alerts.

USE CASES

- BMS / Retrofit
- Hotel & hospitality
- KNX residential / office
- Commercial buildings

Directly connected protocols (via the automation server):

KNX · BACnet · Modbus · MQTT · SNMP · HTTP/REST · DMX512

Through a gateway: **DALI · Zigbee · Z-Wave · M-Bus · EnOcean**