

# SonaHMI SNTP10

## 10.1" Automation HMI Panel — kiosk-mode touch control display

The SonaHMI SNTP10 is a 10.1" 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   | 10.1" IPS touch                   |
| Resolution    | 1280 × 800 (16:10)                |
| Brightness    | 300 cd/m <sup>2</sup>             |
| Colors        | 16.7M                             |
| Viewing angle | 85° / 85° / 85° / 85°             |
| Touch         | Capacitive multi-touch (10-point) |
| Active area   | 218 × 136.5 mm                    |

### CONNECTIVITY

|           |                                 |
|-----------|---------------------------------|
| Ethernet  | RJ45 10/100/1000M (PoE capable) |
| Wireless  | Wi-Fi 802.11 a/b/g/n            |
| Bluetooth | 5.2 (BLE)                       |
| Serial    | RS485                           |
| USB       | Type-C                          |

### POWER

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

### AUDIO

|                      |                                        |
|----------------------|----------------------------------------|
| Speaker / microphone | Built-in 2 × 1 W speakers + microphone |
|----------------------|----------------------------------------|

### MOUNTING & ENCLOSURE

|                    |                                         |
|--------------------|-----------------------------------------|
| Mounting           | Flush (in-wall) / surface / panel       |
| Dimensions (W×H×D) | 247.1 × 173.4 × 24.6 mm                 |
| 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 — alarm, notification and doorbell sounds play through the panel speaker.

### 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**