# sTouch™ 55
## Wall Mount Touch-Screen Control Panel
SKU-03621000

**MediaMatrix®**



## Description

The MediaMatrix® sTouch™ 55 is a PoE powered five and a half inch (5.5") diagonal wall mount touch screen control panel featuring a Quad-Core ARM Cortex-A55 1.8GHz processor, 2GB operating memory with 16GB on-board storage housed in a clean line modern design. Capable of being mounted in any number of locations the sTouch 55 provides a rich graphical user interface that can be tailored to support any local control requirement.

The sTouch 55 offers a functional and responsive IPS LCD "In-Plane Switching Liquid Crystal Display" touch screen producing superior rich colors across a resolution of 720 (H) x 1280 (V) pixels and brightness of 300 Nits providing greater user experience.

A rear mounted RJ45 Ethernet network port supports network connectivity with built-in future I/O expansion. Fully supported by the award winning MediaMatrix® nWare™ and Kiosk2Go™ audio-video & control software suite.

The sTouch 55 is capable of being powered over Ethernet from a single cable drop connected to a PoE capable network switch supporting IEEE 802.3af/at or equivalent power injector, alternatively from an external universal 12VDC power supply.

USA NEMA and UK standards single gang backbox supported with optionally selected adapter plate.
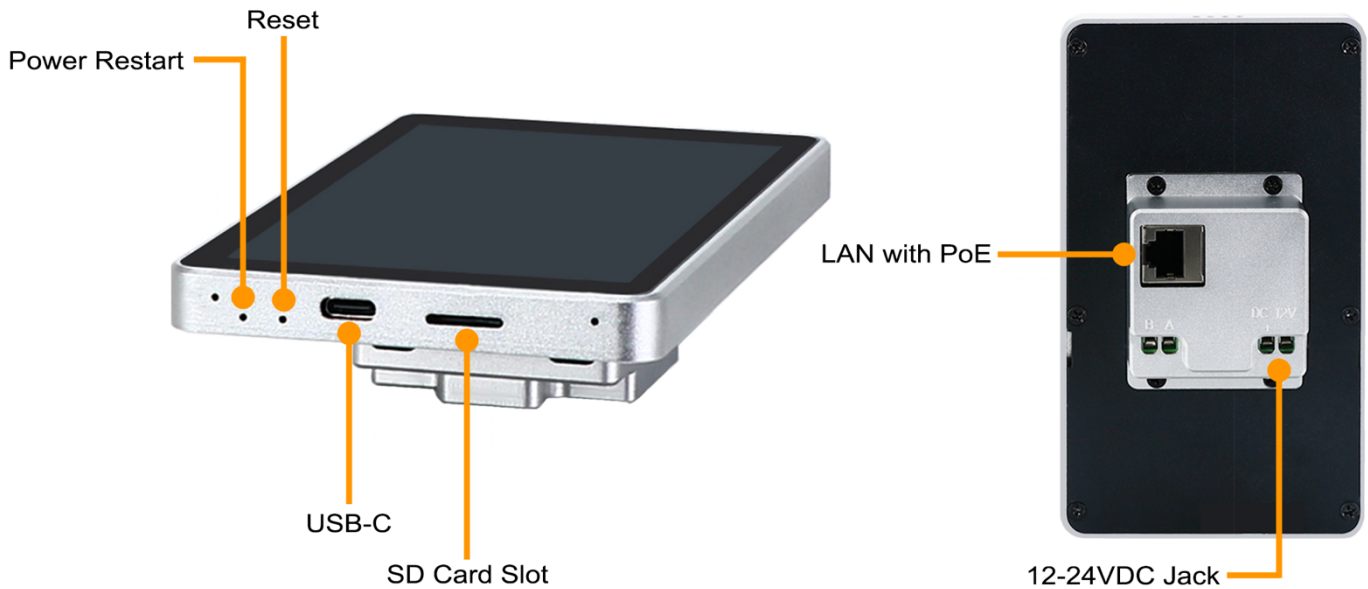
## Features

- **5.5" diagonal high resolution 720 x 1280 display**
- **IPS LCD captive touch screen**
- **RK3566 Quad-Core ARM Cortex-A55, up to 1.8GHz**
- **Android 11 operating system / MediaMatrix® Kiosk2Go™**
- **16GB memory storage with 2GB DRAM**
- **RJ45 10/100M Ethernet connectivity**
- **PoE IEEE 802.3af/at onboard support**
- **Optionally powered by 12VDC external supply**
- **Convection air cooled operation**
- **SD Card slot for external memory cards up to 32GB***
- **Optional in-wall instalation supported back boxes**



**UK 86 adapter plate** (Shown above)
SKU-03621010

**USA NEMA adapter plate**
SKU-03621020

# sTouch™ 55 *Wall Mount Touch-Screen Control* Specifications

Power Restart

Reset

LAN with PoE

USB-C

SD Card Slot

12-24VDC Jack

## LCD

| | |
|---|---|
| Size: | 5.5" (140mm) Diagonal |
| Resolution: | 720 x 1280 |
| Brightness (cd/m$^2$): | 300 |
| Type: | In-Plane Switching Liquid Crystal Display (IPS) |
| Viewing Angle (H-V): | >145º |
| Touch Interface: | Captive Touch Panel |

## CONNECTIVITY

| | |
|---|---|
| Ethernet: | LAN RJ45: 10/100MbE |
| Bluetooth: | Bluetooth 4.0* |
| | |
| I/O Ports / Reset: | |
| | |
| | USB-C* |
| | SD Card Slot - Up to 32G (TF)* |
| | 12V DC (Optional) |
| | Power Reset + Reset (OS) Pins |

## MAIN BOARD & STORAGE

| | |
|---|---|
| CPU: | RK3566 Quad-Core ARM Cortex-A55, up to 1.8GHz |
| RAM: | 2GB DRAM |
| Storage: | 16GB On-board memory |
| OS/Firmware: | Android 11 / MediaMatrix® Kiosk2Go™ |

## MECHANICAL

| | | | |
|---|---|---|---|
| Dimensions: | W 3.31" (84mm) - H 5.75" (146mm) - D 1.26" (32mm) | Rated Power: | 24W |
| Net/Gross Weight: | 1 lbs (0.45kg) / 2 lbs (0.90kg) | Powered over Ethernet: | PoE IEEE 802.3at/af via LAN |
| Operating Temp: | - 4 to 122°F (-20 to 50°C) - non condensing | Power Supply: | 12VDC @ 2.5A (Optional) |
| Mounting: | Single gang USA NEMA or UK 86 Box§ | | |

## Architect's & Engineer's Specifications

The in-wall touch-screen control panel shall have an active touch control surface of 5.5" (140mm) diagonal coverage being an In-Plane Switching (IPS) liquid crystal display (LCD) capacitive touch panel with a resolution of 720 x 1280 pixels in portrait orientation. The screen shall have a brightness of 300 cd/m$^2$ with a contrast ratio greater than 500:1. The touch-screen control panel shall support network connectivity via a 10/100MbE RJ45 interface port. On-board memory storage at 16GB with expansion up to 32GB (TF) via a CF Card slot. The touch-screen control shall be capable of mounting into either a single gang USA NEMA back box or UK 86 Box via an optionally specified adapter plate. The touch-screen control shall act as a client supporting user defined graphical user interface from a media or control server and supported software. Optionally powered by PoE IEEE 802.3af/at supported network switch/injector or external 12VDC power supply. The in-wall touch-screen control panel shall be the MediaMatrix sTouch™ 55 or approved equivalent.

* denotes not currently enabled for nWare™ Kiosk2Go™ functionality.
§ denotes USA or UK version adapter plate to be specified.