

DIGISYN PANEL

PoE Audio IoT Central Control Touchscreen



High-definition LCD



Easy to use



Ultimate flexibility

Highly Customizable Touch Device

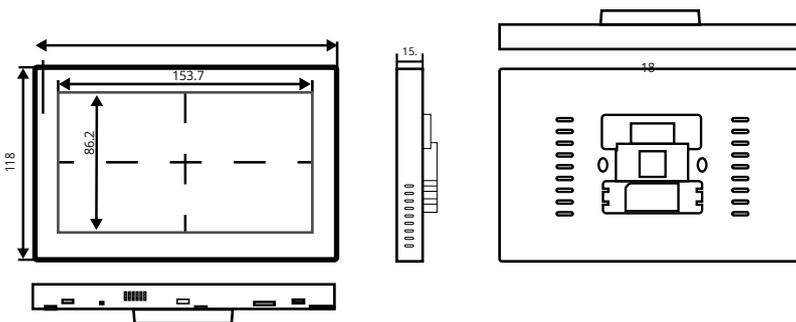
The DIGISYN PANEL is a 7-inch, PoE-powered, capacitive touch control panel designed primarily to control all DIGISYN LINK embedded devices within a local area network (LAN) via control software. It utilizes Power over Ethernet (PoE) and operates over a LAN to manage IP-based devices. Depending on the type of DIGISYN device to be controlled, different firmware can be selected at the time of purchase through consultation with the manufacturer. It is compatible with the DIGISYN network speakers (DLS series), network processors (DS series), network microphones (DSM series), network matrix (DMX series), network adapters (DMA series), and audio service stations (DSCORE series). The DIGISYN PANEL can control up to 28 IP-based devices, enabling the creation of fully customized solutions tailored to customer requirements.



Screen Specifications

The DIGISYN PANEL connects to the network and is configured and controlled via an RJ-45 Ethernet port. The control panel features a 7-inch capacitive touchscreen with a high-contrast LCD display for function selection. The panel is constructed from PVC/ABS material with added UV protection additives. The control screen can be used in conjunction with the DMX232 network mixing matrix to manage 28 network channels. It is powered via Ethernet (IEEE 802.3at standard, 15 watts). The DIGISYN PANEL is certified with CE and RoHS compliance.

Screen Dimensions



Applications



Education



Conference



Smart Home

DIGISYN PANEL Touch Panel

Key Features

- Capable of controlling up to 28 audio device channels.
- Features a 7-inch capacitive touch LCD interface with scratch-resistant glass.
- Highly customizable user interface tailored to project requirements.
- Compatible with various standard back boxes, supporting wall-mounted or desktop installation (includes a desktop stand).
- Equipped with automatic screen on/off and brightness adjustment functions.
- Powered by PoE, enabling easy installation with a single CAT5e cable.
- Comes with a 3-year warranty.
- Boasts a screen brightness of up to 350 nits.

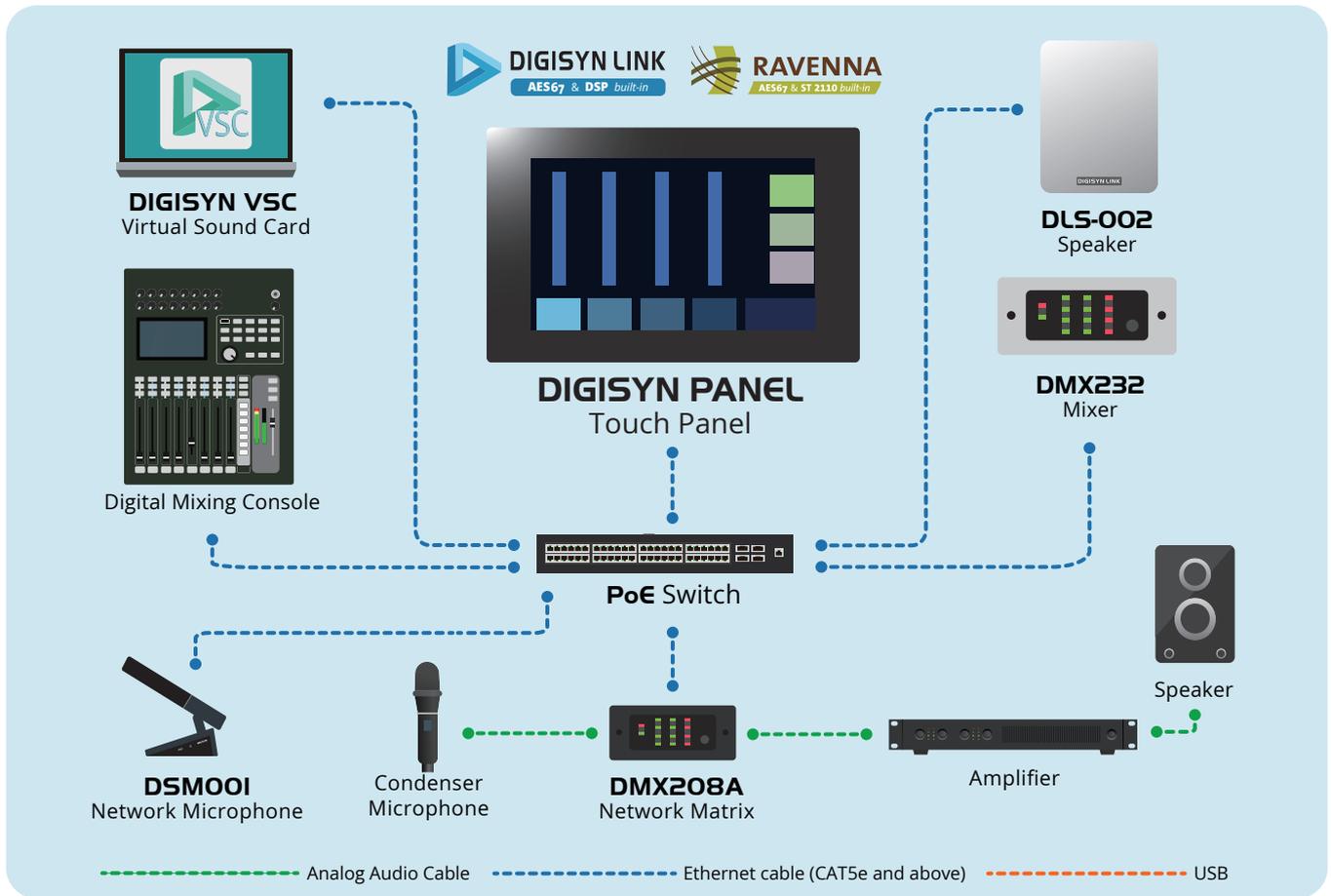
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Topology Diagram



Technical Specifications

Product Specifications

Display Type	High-Contrast Capacitive Touch LCD Display
Display Size	7 inches
Display Resolution	1280 x 600 resolution
Maximum Display Brightness	350 nits brightness
Network Connection	RJ-45 Ethernet cable (Cat 5e or above)
Core Processor	800 MHz dual-core processor
Color	65K colors, 16-bit RGB
PoE Power Supply Protocol	PoE-af protocol

LCD Display

Display Type	IPS
Backlight	LED backlight
Brightness (cd/m²)	350 cd/m ² brightness
Contrast Ratio	700:1 contrast ratio

Environmental Conditions

Operating Temperature	Operating temperature: -20°C to +70°C
Storage Temperature	Storage temperature: -30°C to +80°C
Altitude	Altitude: 0 - 6600 feet (0 - 2000 meters)
Certifications	ROHS, CE (EMI level: EN55022 Class B standard)