CQ-DSP10 POE DMX Scene Panel

Welcome to the CQ-DSP10 POE Smart Scene Panel! Equipped with a 10-inch wide-view angle LCD touchscreen, this panel supports dual connectivity (wired network/WiFi), allowing one-touch control of network offline consoles to quickly switch between lighting scenes and light shows. As a key control terminal for lighting projects such as lighting embellishment, stadiums, exhibition halls, museums, hotels, and shopping malls, the DMX scene panel features a concise and intuitive interface, enhancing efficiency and convenience for lighting design work.

The DMX scene panel is compatible with DMX network offline consoles (e.g., SLESA, DINA, SUNLITE, DASLIGHT series). Through software programming, you can precisely control devices such as LEDs, DMX stage lights, laser lights, beam lights, and DMX relays. Additionally, the DMX scene panel supports user-defined interfaces and one-click function upload/update. The CQ-DSP10 adopts two power supply methods: external 12V DC and POE, and can be directly embedded in an 86-type backbox for installation, enabling efficient and convenient deployment.

1. Specifications:

Model	CQ-DSP10
Power Input	12V DC / POE
CPU	RK3568
Memory	2G
LCD Panel	10-inch Wide-view Angle, Capacitive Multi-touch Screen
Resolution	1280x800
Connection	WiFi / Ethernet
Temperature	-10~60℃
Dimension	247*173*38mm
Backbox	Embedded 86-type Backbox or Gang Backbox

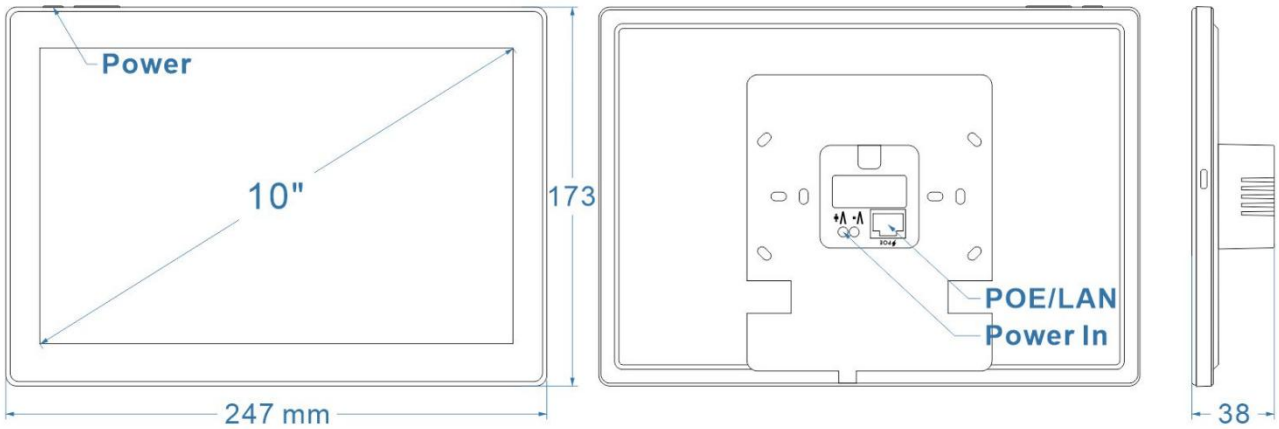
2. Features:

- Dual Network Connection: WiFi Wireless + Ethernet Wired
- Dual Power Supply Modes: POE Ethernet Power Supply + External 12V DC Power Supply
- Standardized Installation: Compatible with 86-type backboxes and rectangular backboxes
- Power Button Included: Supports screen-off mode to reduce energy consumption
- Collaborative Control: Multi-panel synchronous display and control
- Customizable Interface: One-click upload and update to meet personalized needs
- Custom UDP Protocol: Supports output of user-defined RS485 protocol
- 10-Point Capacitive Touch: Sensitive response and precise operation

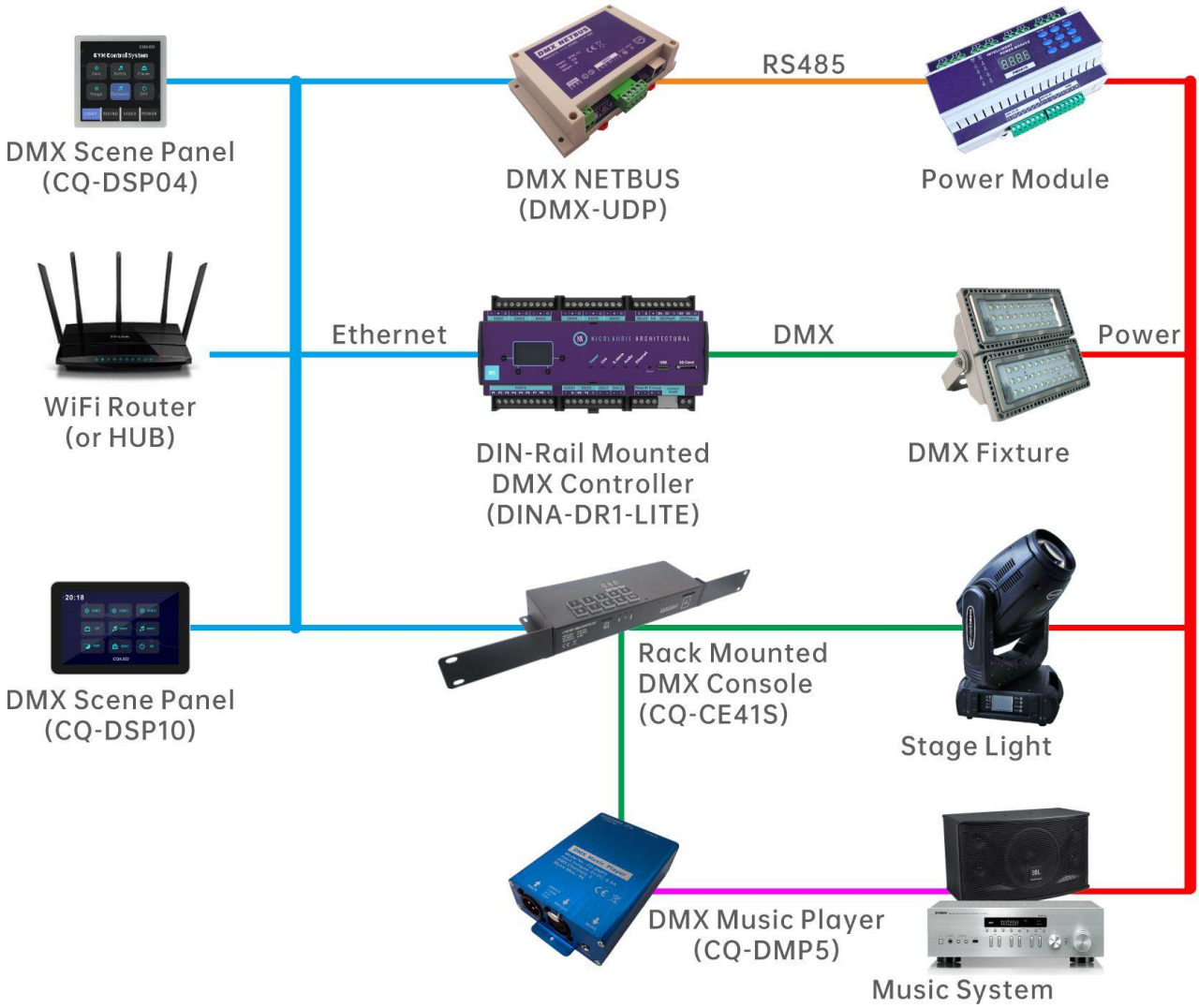
3. Applications:

- Auditoriums, TV Stations: Quick switching of lighting modes
- Museums, Exhibition Halls, Stadiums: Intelligent control of lighting scenes
- Hotels, Shopping Malls: Adjustment of lighting scenes in commercial spaces
- Building Facades: Control of outdoor lighting embellishment scenes

4. Dimensions:



5. System Diagrams:



6. Related Software

The background images, logos, scene text, and button quantity/text of the DSP Smart Scene Panel can be designed using graphic software. After exporting to PNG/JPG format, configuration, preview, and upload can be completed via the DSP_Manager tool. For detailed information about DSP_Manager, please visit: https://www.cqiled.com/en/product/dsp-manager.html

7. QA Technical Q&A

1. No response from buttons when the panel is turned on?

Network connection failed. Please check the network configuration (e.g., Ethernet cable plug-in status, WiFi signal).

2. Black screen with a lock icon displayed on the interface?

First, check if the Ethernet cable is properly connected. Reconnect the cable and restart the panel.

3. Can the interface be customized directly on the panel?

It is necessary to switch to the Remote Pro interface. It is recommended to contact technical personnel for assistance.

4. Which formats are supported for interface design?

The interface can be designed using graphic software on a computer, supporting export in PNG, JPG, and GIF formats.

5. Can it control high-voltage modules, power sequencers, or audio processors?

Yes. Cross-device control can be achieved by defining UDP commands and matching with a 485/232 gateway.

6. Does UDP command support delayed control?

Yes. Delayed control can be implemented by setting delay parameters in the configuration file.