signCUE-three

Graphic player and interface for HID-compliant touch screens

Product code: **CS0657**



Main features

- Standalone graphic player for touch screen displays
- Runs standard projects created in CUE Visual Composer
- HDMI output supports Full HD and 4K resolution
- USB Host interface for HID-compliant touch screens
- Internal memory RAM 16 GB, flash 64 GB
- Wired 10/100/1000 BaseT Ethernet
- IP control port
- 802.1X authentication mechanism supported
- Proxy Server support
- Video preview
- Web server and Admin web for setup through a standard web browser
- Fan-less operation
- Small dimensions, low profile, surface-mountable
- Simple installation close to a display device

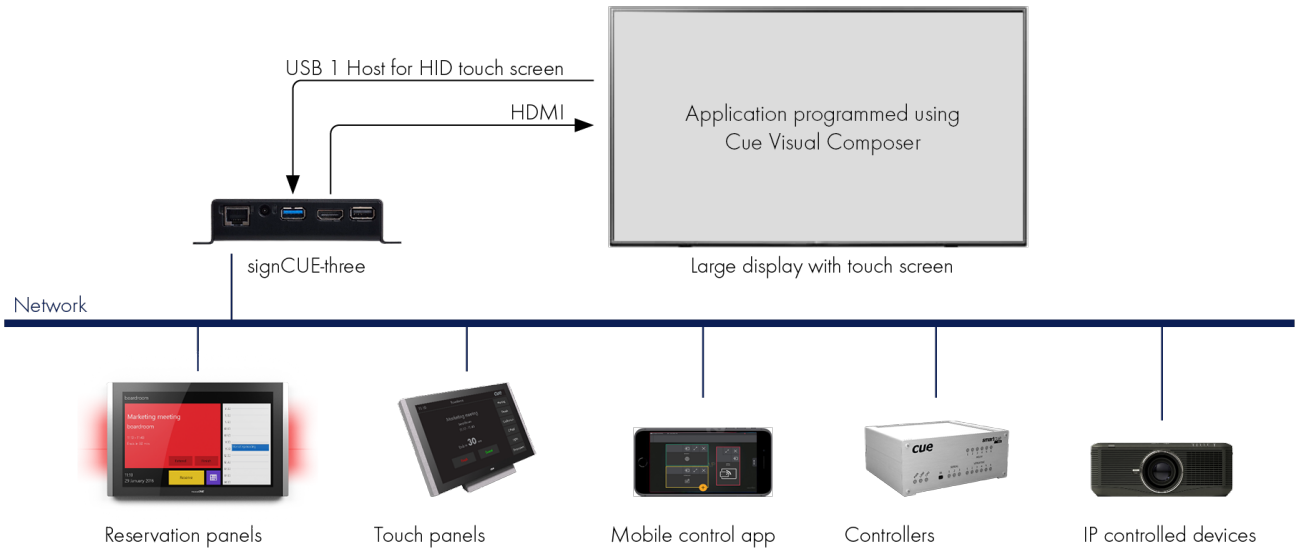
Description

The signCUE-three is a powerful IP-enabled unit that serves as a controller, server, touch monitor interface, and display device interface. It runs standard projects created in CUE Visual Composer and integrates a custom graphical environment with controls for AV, lighting, drapes, HVAC, and other technologies. The signCUE-three provides an HDMI 2.0 output for connection to a display device and includes a USB HID port for touchscreen connectivity. The Ethernet port provides connectivity to other Cue System units and a control port for IP-controlled devices. The player is enclosed in a compact chassis and can be easily installed behind a flat display or projector, under a table, or inside a rack.

CUE Visual Composer programming tool offers

- Pre-programmed graphical objects such as buttons, containers, control panels, date & time objects, indicators, keyboards & keypads, labels, rotary pickers, sliders, toggle switches, thermometers, and more
- Pre-programmed dynamic objects with kinetic effects, e.g., scroll lists
- Drag-and-drop objects for an easy way to switch sources
- Support for online information, e.g., weather
- Support for the IP driver's programming
- Support for video preview - see Video Objects Collection
- Library for simple integration with the reservation system touchONE
- And many more.

Application diagram



Applications

- Interactive display integration with the reservation system touchONE
- Customized additions for the reservation system touchONE
- A powerful controller for IP-controlled devices
- Server for appCUE mobile control applications
- Digital signage player
- Touch panel interface
- Integration of interactive large screen displays
- Virtual touch panel

Specifications

Firmware

- XPL^2 runtime for applications created using CUE Visual Composer
- Admin web for setup

CPU

- Rockchip RK3588S2
  Quad-Core Cortex-A76 at 2.3 GHz

Memory

- RAM 16 GB
- Flash 64 GB

Button

- System default

Indicator

- Power LED

Network

- 10/100/1000 BaseT LAN, RJ-45 connector
- 802.1X authentication mechanism supported
- Proxy Server support

USB

- USB 1 - Host for USB HID-compliant touch screens
- USB 2 - for future use
- For proper use, see the power supply specifications

AV connection

- HDMI output - HDMI 2.0a-compliant output
- Resolution Full HD (1920 x 1080) or 4K (3840 x 2160)

Control ports

- IP control port

Power supply

- 12 VDC, max. 7.5 W
- Connector DC Power Jack 5.5/2.1 mm

Physical

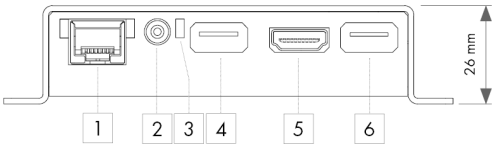
- Slim aluminum enclosure for the back of the screen installation
- Protection IP30
- Dimensions 120 x 104.4 x 26 mm / 4.72” x 4.1” x 1.0”
- Weight 0.25 kg / 0.55 lb

Environment conditions

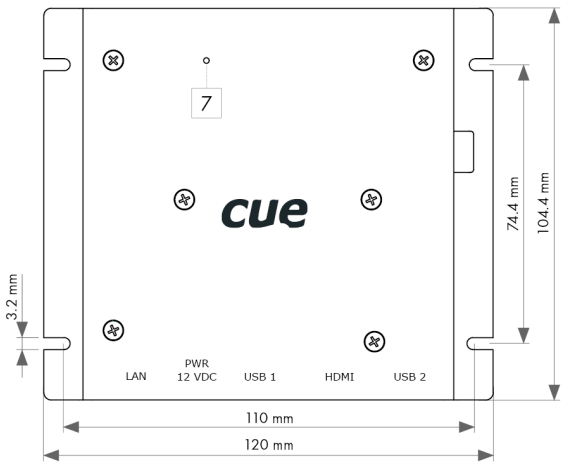
- Operating temperature 10° to 40° C, ambient with airflow
- Storage temperature 0° to 60° C
- Relative humidity 10% to 90% non-condensing

Mechanical description

Rear view



Top view



1. Network connector
2. PWR 12VDC
3. Power indicator
4. USB 1 (USB 3.0)
5. HDMI output
6. USB 2 (USB 2.0)
7. System default button

Box contents

- Unit signCUE-three
- Power supply adapter
- Connector set
- Mounting accessories
- Ethernet cable
- Quick Start

Order Information

- Product code CS0657

Documentation

More information can be found in CUE Documentation:

- signCUE-three Quick Start
- signCUE-three A&E Specification