CT-400

CueTouch LCD Touchscreen

Overview

CueTouch brings a new level of sophistication and technological elegance to CueServer based lighting control applications. CueTouch is a fully customizable lighting control access point for CueServer. Use CueTouch to add colorful, easy-to-use on screen controls to virtually any lighting or multimedia control project that uses one or more CueServer lighting control processors.

CueTouch fits in a wide range of applications in television studios, convention centers, themed attractions, places of worship, architectural displays, trade show booths, high-tech residential and more.

With CueTouch, the installer can design attractive, interactive user-interfaces for virtually any application. The special Qlarity® programming environment makes designing screens, placing buttons, adding text and graphics as easy as drag-and-drop. Make one screen or hundreds. Keep it simple or add sophisticated graphics. Optionally you can use the advanced programming features of Qlarity to create custom security screens, sophisticated on-screen feedback or even complex multi-zone ballroom partitioning setups. With Qlarity, the sky is the limit for custom programming, if desired.

Features

- Directly communicates with one or more CueServer processors via Ethernet
- Screens programmed by powerful Qlarity programming language (free download)
- Completely stand-alone after programming is downloaded into CueTouch panel
- Full color graphics on high-resolution TFT LCD panel
- Bright LED backlighting
- Resistive touch screen
- Real-Time Clock
- Ruggedized panel for harsh environments
- Can be mounted to provide NEMA-4X and IP66 sealing
- Attached to mounting hole by secure mounting ring from back side
- Two serial ports for interfacing with external equipment
- Input power 10 to 32VDC, 8 Watts
- May be powered via Power over Ethernet with optional power splitter

Applications

- Commercial
- Residential
- Architectural Lighting
- Entertainment Lighting
- Trade Shows
- Themed Entertainment
- Museum
- Building Management

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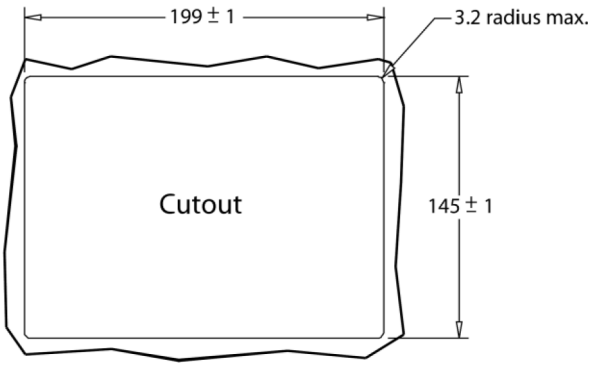
Catalog #:	**Project:**
Prepared by:	**Date:**

Specifications

Feature	Detail	Description
Display	Type	TFT-LCD (256 Colors via Qlarity)
	Pixels	800 x 480 WVGA
	Size	7” (177 mm) Diagonal
	Pitch	0.19 mm x 0.19 mm
	Backlight	LED
Touchscreen	Type	4-Wire analog-resistive
	Life	> 1 million finger touch operation
Interfaces	Port 1	EIA-232C, DB9F
	Port 2	EIA-232C/422/485 Software Selectable, DB9F
	Ethernet	10/100Base-T, RJ-45
	USB	USB 2.0 Full-Speed port for USB memory stick
Processor	Type	Atmel ARM-9 196 MHz processor
Memory	RAM	32 MB
	NOR Flash	4 MB - OS
Realtime Clock	Standard	Battery-backed, 1 second resolution
Audio	Speaker	8 Ohms 0.7 W
Mechanical	Housing Material	Polymer
	Size	8.8” (224 mm) x 6.1” (154 mm) x 2.4” (60 mm)
	Mass	1 kg
Environmental	Sealing - Front Panel	IP66, NEMA-4X
	Operating Temperature	-20 to 70 °C
	Storage Temperature	-30 to 85 °C
	Humidity	5 to 95%, non-condensing
	Vibration	4 g 10-1500 Hz
Certifications	UL	UL Listed
	CE	EN-55022, EN-55024, EN-60950
	EMC	FCC Part 15
Power	Input Voltage	10 to 32 VDC
	Consumption	8 Watts @ 24 VDC
Software	Development Environment	Qlarity Foundry
	Runtime Environment	Qlarity 2

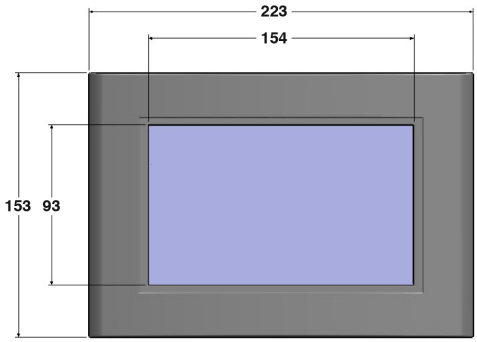
Mounting Hole Dimensions

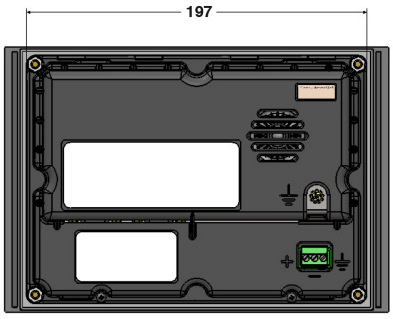


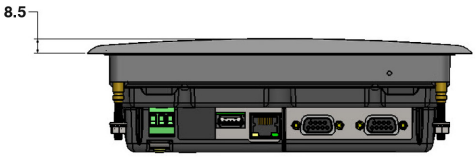
Ordering

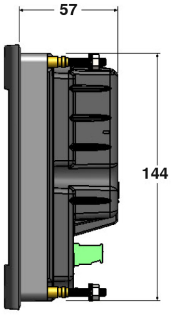
CT-400	CueTouch LCD Panel
Accessories	
AC-12P	12VDC Power Supply
EN-POE-IN	PoE Injector
EN-POE-SP12	PoE 12V Splitter
CT-WDH-400	Wall/Desk Housing

Drawings









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