C3 Pro
Player

Specification V2.1.1

Overview

C3 Pro is a new-generation cloud networking player, which supports a wide range of networking options including ColorlightCloud, WiFi, wired networks and 4G. It can be deployed rapidly to achieve intelligent cloud management, multi-screen, multi-business ad cross-regional unified management. C3 Pro is a more aggressive choice in the fields of indoor and outdoor fixed installation, centralized management, publish and monitoring. Because of this, it can be widely used in various commercial displays such as LED post screen, store screen, advertising player, mirror screen, vehicle screen, etc.

Features

- Maximum load capacity of 650,000 pixels, with maximum 4096 pixels in width and maximum 3840 pixels in height.
- Multi-level organization cloud management and role-based program cloud publishing.
- LED screen cloud monitoring and automatic notifications and actions based on the alarm configuration.
- Powerful processing performance, supporting H.265 4K high-definition video hardware decoding and playback.
- 8GB storage.

Multiple play modes

- USB storage plug and play, content update.
- Multiple-screen simultaneous playback.
- Command and content schedule.

Contents

- Multi-program pages playback, up to 32 program pages.
- Abundant media materials, pictures, videos, texts, clocks, etc.
- Multi-window playing and overlay, with freely set window size and position.
- Play up to 2 high-definition video or one 4K video simultaneously.

Comprehensive control scheme

- Support multiple control platforms: LED assistant, APP control for mobile phone and tablet.

Network communication

- Dual band and dual mode WiFi, supporting WiFi 2.4G and 5G band[1], WiFi hotspot and WiFi client.
- LAN, DHCP mode and static mode.
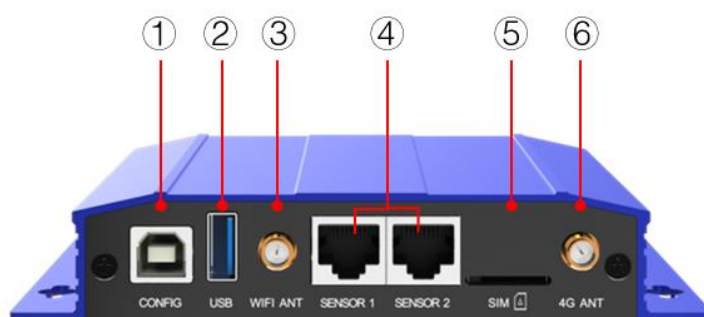- 4G (optional).
- GPS (optional).

Specifications

Basic parameters	
Hardware Quality	4K high-definition hard decoding playing.
Storage	8 GB (4 GB for content).
RAM	1 GB.
Loading Capacity	Maximum loading capacity: 650,000 pixels. Maximum width: 4096 pixels, maximum height: 3840 pixels.
OS	Android OS 9.0 (Android Pie).
Receiving Card support	All Colorlight receiving cards.
Physical parameters	
Dimensions (W×H×D)	
Unboxed (W×H×L)	135.71mm×25.30mm×125.29mm (5.34×1.00×4.93 inch).
Boxed (W×H×L)	370.0mm×52.0mm×320mm (14.57×2.05×12.60 inch).
Electrical specification	
Operating Voltage	DC 5V-12V.
Power Adapter	AC 100~240V 50Hz.
Maximum Power Consumption	10W.
Weight	0.33kg (11.64 oz).
Operating environment	
Temperature	-40℃～80℃ (-40°F~176°F).
Humidity	0-95%, non-condensing.
Certification	
CE, CE-RED, FCC, FCC-ID.	
* If the product does not have the relevant certifications required by the countries or regions where it is to be sold, please contact Colorlight to confirm or address the problem. Otherwise, the customer shall be responsible for the legal risks caused or Colorlight has the right to claim compensation.	

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1 The signal stability and quality of WiFi hotspot and WiFi client is related to the transmission distance, wireless network environment and WiFi band.
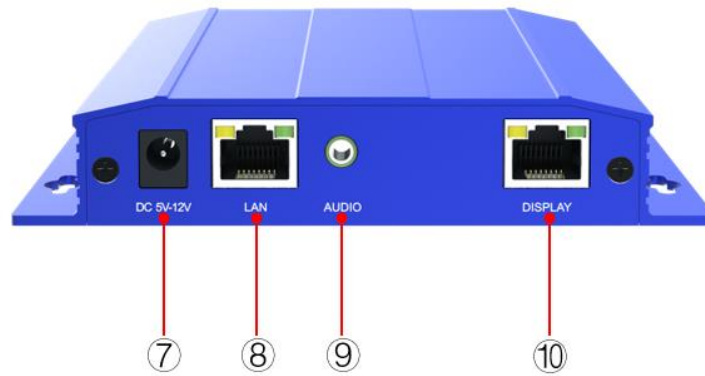
File format	
Program Schedule	Support scheduled play back of content.
Program Split	Support flexible windows split, windows overlapping, and multiple pages in a program.
Video Formats	HEVC (H.265), H.264, MPEG-4 Part 2, Motion JPEG, etc.
Audio Formats	AAC-LC, HE-AAC, HE-AAC v2, MP3, Linear PCM, etc.
Image Formats	Bmp, jpg, png, gif, webp, etc.
Text Formats	Txt, rtf, word, ppt, excel, etc.
Text Display	Single-line text, multiple-line text, static text and text scroll.
Multi-window Display	Support up to 4 video windows, multiple picture / text, scrolling text, scrolling picture, LOGO, date / time / week and weather forecast windows. Flexible content display in different areas.
Window Overlapping	Support arbitrary overlapping with fully transparent, opaque and translucent effects.
RTC	Real-time clock display and management.
USB storage plug-and-play	Support.

Hardware

Front

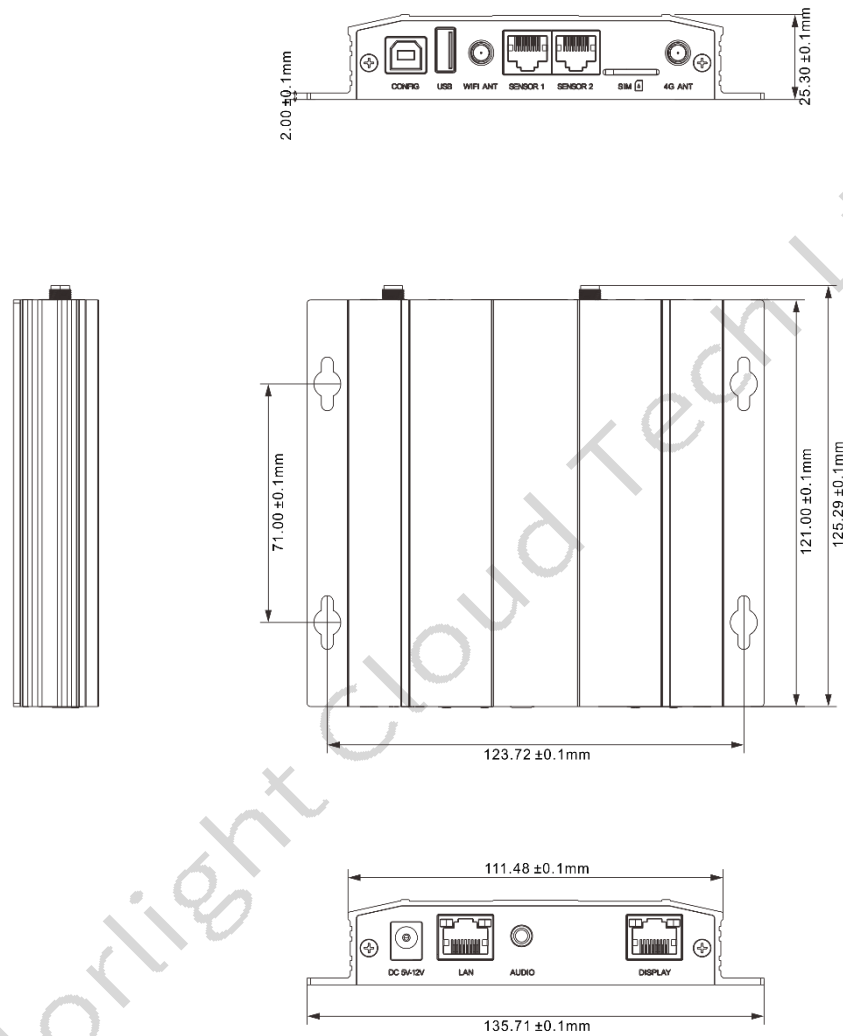| No.	Name	Function
1	CONFIG	USB-B interface, for controlling the device, such as setting screen parameters and publishing a program.
2	USB	USB-A interface, USB 3.0 for updating programs via USB storage.
3	WIFI ANT	Connected with WiFi antenna, supporting 2.4G / 5G dual band, WiFi hotspot mode (as WiFi router) and WiFi client mode (connecting with other WiFi routers).
4	SENSOR 1 / 2	RJ11 interface, connected with a sensor to achieve automatic brightness adjustment, monitoring and display of index of ambient brightness, smoke, temperature, humidity, air quality, etc.
5	SIM card slot	Micro-SIM card slot.
6	4G ANT	Connect to 4G antenna (optional).

Rear

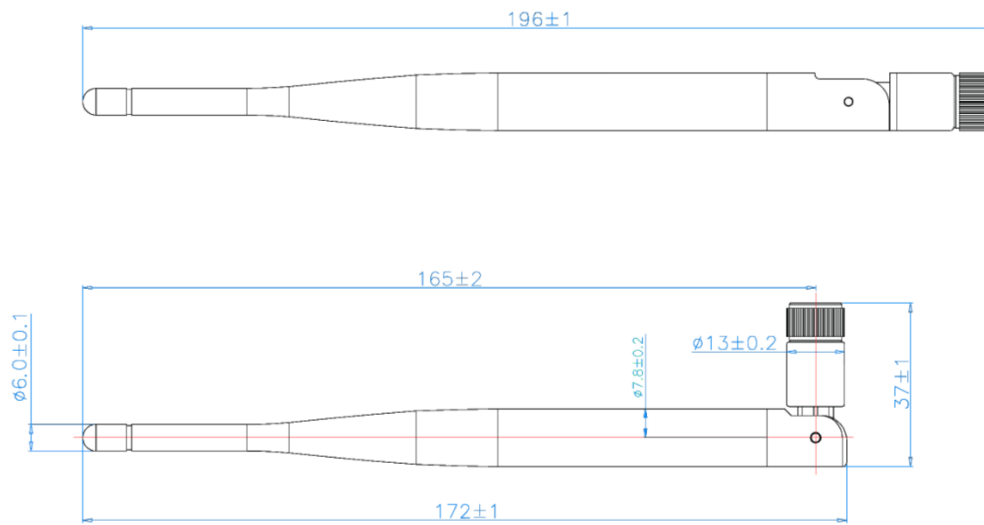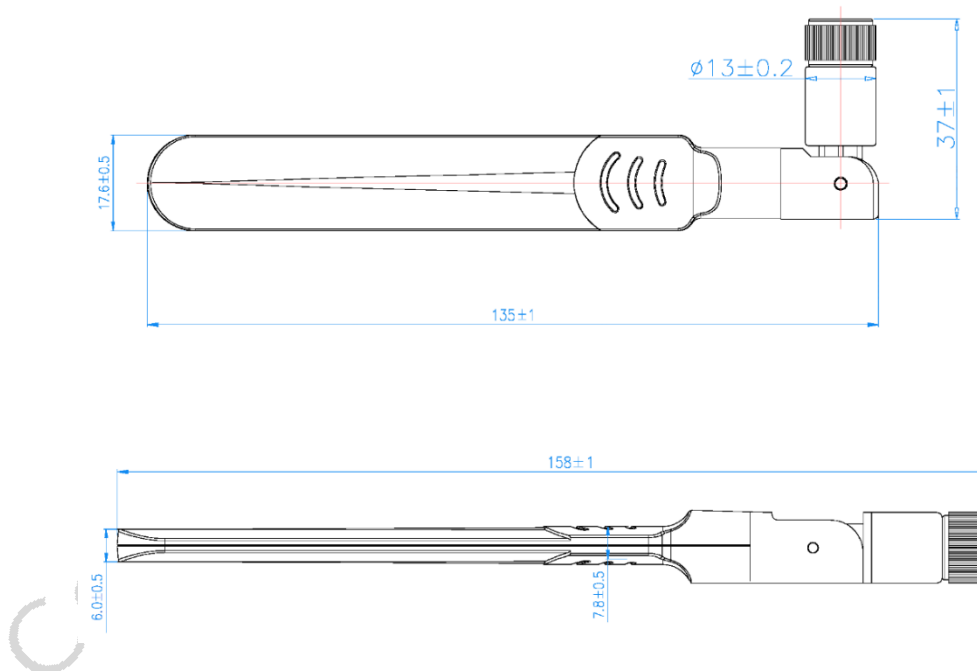| No.	Name	Function
7	DC 5V-12V	Power input.
8	LAN	Access local network or internet.
9	AUDIO	3.5mm, HIFI stereo output.
10	DISPLAY	RJ45, signal output, connect to receiving cards.

Reference dimensions

Unit: mm

C3 Pro player

WiFi antenna

4G antenna（optional）

Configuration and Management Software

Name	Type	Description
PlayerMaster	PC Client	It is used for local or cloud screen management, as well as program editing and publishing.
LEDVISION	PC Client	LED PC configuration tool, mainly used for configuring screen and adjusting the screen to optimize display state.
ColorlightCloud	Web	A web-based management system for content publishing, cluster management, and screen monitoring.
LED Assistant	Mobile Client	Support Android and iOS, enabling wireless control of the players.

Statement

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