



C3 Pro

Player

Specification V2.1

Overview

C3 Pro is a new-generation cloud networking player, which supports the ColorlightCloud, 4G, WiFi, wired network and other various networking methods, and can be deployed rapidly to achieve intelligent cloud management function, and multi-screen, multi-business and cross-regional unified management. It has significant advantages in the fields of indoor and outdoor fixed installation, centralized management, publish and monitoring, and can be widely used in various commercial display fields such as lamp post screen, store display screen, advertisement player, mirror screen, vehicle screen, etc.

Features

- Support maximum load capacity of 650,000 pixels, maximum width of 4096 pixels and maximum height of 3840 pixels
- Support multi-level organization cloud management and role-based program cloud publishing
- Support LED screen cloud monitoring and automatic notifications and actions based on the alarm configuration
- Strong processing performance, supporting H.265 4K high-definition video hardware decoding and play back
- 8GB storage
- Multiple play modes
 - Support USB storage plug and play, content update
 - Support multiple-screen synchronized content play back
 - Support command and content schedule
- Contents
 - Support playing of multiple program pages, 32 program pages at most
 - Support rich media materials, such as pictures, videos, texts, clocks, etc.
 - Support multi-window playing and overlay, while the window size and position can be set freely
 - Play up to 2 high-definition video or one 4K video simultaneously

- Comprehensive control scheme
 - Support control from multiple platforms, for example, LED assistant control for mobile phone, and tablet, PlayerMaster for PC
- Network communication
 - Dual band and dual mode WiFi, supporting WiFi 2.4G and 5G band¹, WiFi hotspot mode and WiFi client mode
 - LAN, supporting DHCP mode and static mode
 - 4G communication, supporting 4G network in various countries (optional)
 - GPS positioning (optional)

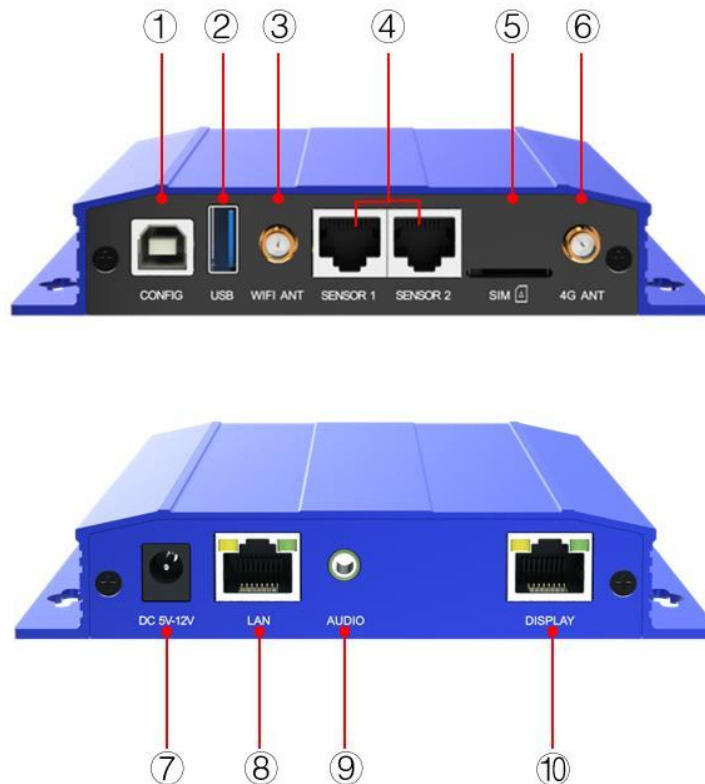
Specifications

Basic Parameters	
Hardware Quality	4K high-definition hard decoding playing
Storage	8GB (4GB for content)
RAM	1GB
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 Supported	All Colorlight receiving cards
Physical Parameters	
Unboxed (W×H×L)	135.71×25.30×125.29mm (5.34×1.00×4.93 inch)
Boxed (W×H×L)	370×52×320mm (14.57×2.05×12.60 inch)
Operating Voltage	DC 5V-12V
Power Adapter	AC 100~240V 50Hz
Maximum Power Consumption	15W
Weight	0.33kg (11.64 oz)
Operating Temperature	-40°C~80°C (-40°F~176°F)
Ambient Humidity	0-95%, non-condensing

¹ The signal stability and quality of WiFi hotspot and WiFi client is related to the transmission distance, wireless network environment and WiFi band.

Packing List	<ul style="list-style-type: none"> • C3 Pro LED Player×1 • Power Adapter×1 • USB Cable×1 • WiFi Antenna & Extension Cord ×1 • User Manual×1 • Warranty Card×1 • Certificate×1
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 at most 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	Supported

Hardware



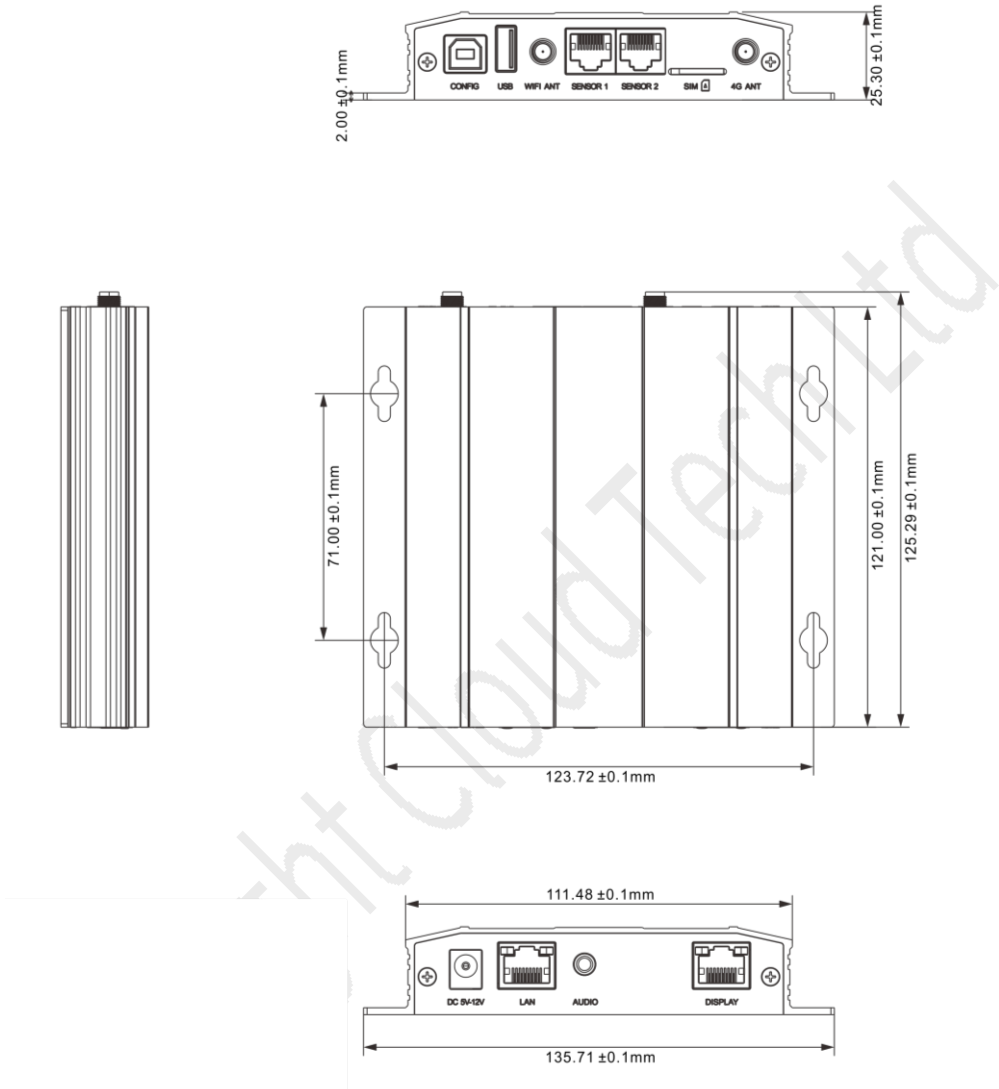
Interface Description

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, supporting 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)
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

Dimensions

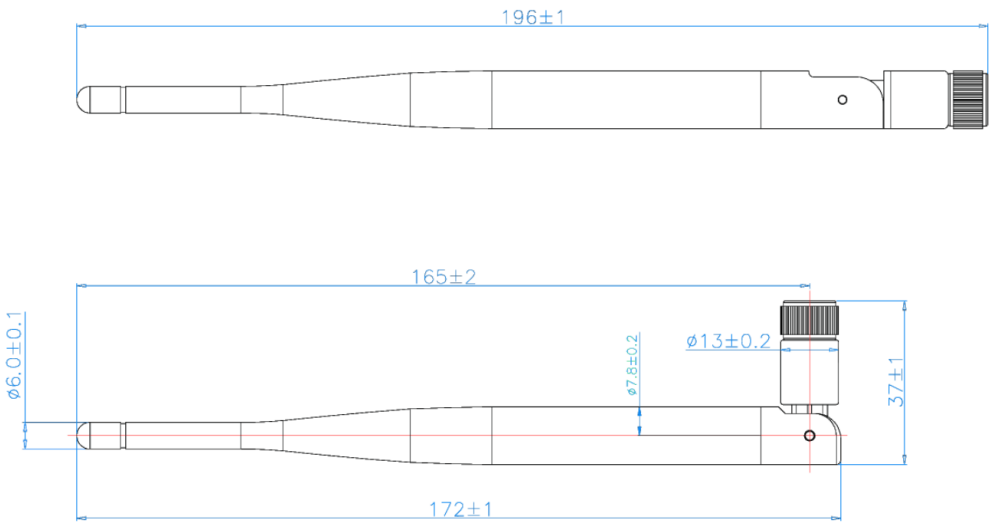
Unit: mm

C3 Pro player



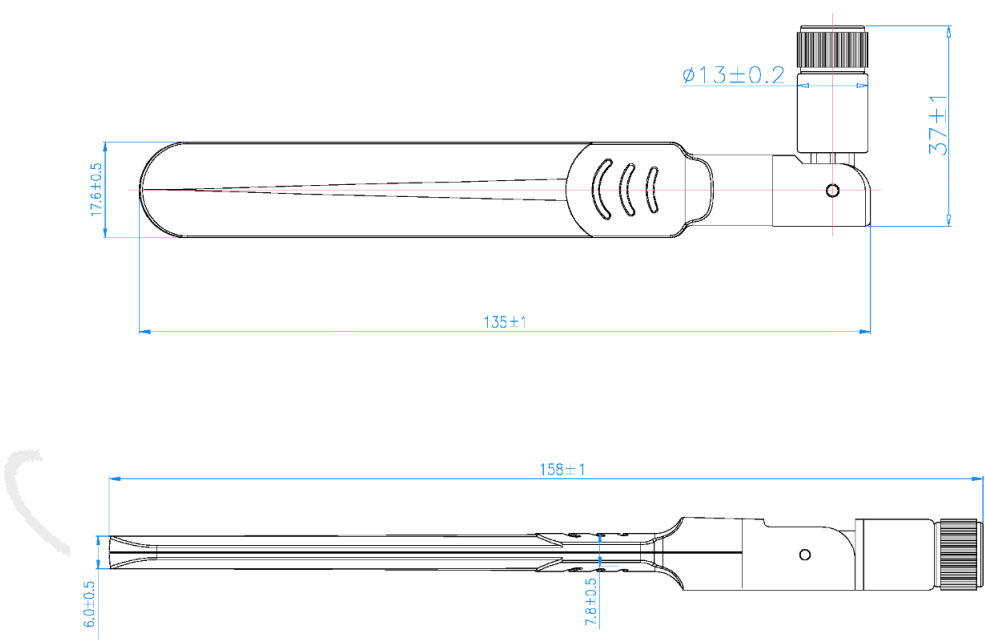
WiFi antenna

Unit: mm



4G antenna (optional)

Unit: mm



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

Thank you for purchasing the product of Colorlight Cloud Tech Ltd. If you encounter any problems during use or have any suggestions, please contact us through official channels. We will do our best to provide support and listen to your valuable suggestions. We will constantly make improvements on technical