C6 Networked LED Player

Overview

As a new generation of LED controller, C6 Networked LED Player features a play mode without computers. It is the innovation based on a brand-new idea of LED control system, which has reached a new high level of digital player for LED screens.

C6 possesses all the advantages of conventional synchronized controllers, supporting maximum 1080P HD video, program edition through LEDVISION, free layout of multiple play windows, and program formats such as video, image, text, table, weather and clock.

C6 is built-in with a WIFI spot and able to be connected into LAN and WAN and 3G/4G network, available for intelligent remote control.

C6 is able to be connected with brightness sensor to achieve automatic brightness adjustment according to surrounding environment.

C6 adopts the LINUX embedded operation system. It is small, secure and stable. C6 is made from industrial electronic elements, having a strong working ability even under severe working conditions.

C6 supports U disc plug and play, fully compatible with the edition and play mode under synchronized play system. It is needed just for one press to send the programs into the U disc to play it. Also it is available for program updates and management through wire network.

As a brand new controller application, C6 has many advantages in applications like advertising LED screens and exhibition LED screens.

Features

Breakthroughs
➢ Big LED screen display without computer
➢ Amazing visual effect and experience
➢ Fully supporting play and control through wireless smart terminals
➢ Supporting 1080P HD output

- ➢ Fully compatible with program management and setup mode under conventional synchronized control system

Security and Stability
- ➢ Built-in with LINUX Embedded operation system, immune from virus attacks
- ➢ Made all from industrial electronic elements, quality assured
- ➢ Watchdog design, never breakdown ensured
- ➢ Multilevel security protections, system security guaranteed

Intelligent Control & Easy Management
- ➢ U disc plug and play
- ➢ Control through wireless intelligent terminals like PC, Android and iPhone etc
- ➢ WLAN and 3G/4G network supported
- ➢ Supporting monitoring of working temperature, humidity and brightness, and automatic adjustment of screen brightness

Easy Program Management
- ➢ Program through LEDVISION, easy to do
- ➢ Multiple play windows, of which size and location can be freely set. Overlap supported
- ➢ Multiple program formats such as video, image, text, clock etc
- ➢ Multiple program play window

Hardware

① INPUT SWITCH
② STAT PWR
③ USB
④ CONFIG

Colorlight   C6

① ② ③ ④

AC100~240V Power

PWR
STAT

LED DISPLAY

Serial 1 Serial 2   A   B   HDMI IN   AUDIO   LAN   USB1 USB2

⑤   ⑥   ⑦   ⑧   ⑨   ⑩

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Interface Specifications

No.	Name	Functions
1	Switch Button	Switch between Asynchro. & Synchro. display
2	Indicator	Green indicator shows data; Red indicator shows power;
3，10	USB	For Program Update through U disc
4	Serial Port	Screen setup
5	Sensor Interface	For automatic brightness adjustment
6	Port Output	RJ45 for connection with Receiving Cards
7	HDMI Input	For screen display synchronization
8	Audio Input	HiFi Output
9	LAN Port	Connection into network

Specifications

Basic Parameters	
Core Chip	1.6GHz CPU + 600Mhz GPU
LED Resolution	1280*1024, 1920*640 or corresponding area
Receiving Card Supported	All Colorlight receiving cards
Interfaces	
Audio Output	1/8″ (3.5mm)TRS
USB Ports	USB2.0*3
Port Output A	Output to Receiving Cards
Port Output B	Output to Receiving Cards
WAN	Ethernet
Physical Parameters	
Size	315*205*44mm
Working Voltage	AC 100~240V 50Hz
Rated Power Consumption	10W
Weight	1.5kg
Working Temperature	0~55℃
Environmental Humidity	0-95% without condensation
File Formats Supported	
Window Split	2 Video windows, multiple text/picture windows, scrolling text, LOGO, Date/Time/Week, Weather. Flexible screen split, different contents in each window
Video Formats	AVI,WMV,MPG, RM/RMVB,MOV,DAT,VOB,MP4,FLV etc.
Audio Formats	MPEG-1 Layer III，AAC etc.
Image Formats	bmp、jpg、png etc.

Text Formats	txt，rtf，word，ppt，excel etc.
Text Display	Single Line Text, Static Text and Multiple Line text
Play Window	2 Video windows, multiple text/picture windows, scrolling text, LOGO, Date/Time/Week, Weather. Flexible screen split, different contents in each window
OSD supported	support 32bit OSD, support video/text/picture mixture or overlay
RTC Real-time Clock	Real-time Clock Display and Management supported
Terminal Management & Control	
Communication	LAN/Wi-Fi/3G/4G
Program Update	U disc plug and play; sent by Wireless terminals
Management Devices	PC, Android smart terminals
Wireless Control	Real-time brightness adjustment; Screen switch on/off display; Setup Configuration; Play control; Wireless Program Sending;
Automatic Brightness Adjustment	Timing Automatic Adjustment/Environmental Automatic Adjustment
Timing Play	Scheduled play supported
Timing Switch on/off	Supported
Software	LEDVISION 3.66/higher version

Section & Size

315

205

44

Colorlight

C6