BX-C2 Specification

Catalog

Guiding

Safety Notes

◆ Input voltage is 12V, please make sure the quality of the power supply of BX-C series.

◆ Please make sure that all the power supply cables are plugged off. When you want to connect or plug off any signal or controlling cables.

◆ Please make sure that all the power supply cables and signal cables are plugged off when you need to put in or take off the hardware equipment.

◆ Please make sure the environment is clean, dry and ventilated When you use this product, also, do not put this product to a high temperature and wet environment.

◆ This product is electronic products, please keep away from fire,water source and flammable & combustible products.

◆ There's high pressure components in this products, please do not open the box and repair it by yourself.

◆ Turn off the power supply immediately when you find smoking,peculiar smell or something unusual. And contact with us soon.

Feature

◆ Suitable for small and medium-sized full-color screen and lintel screen;

◆ High performance CPU, hardware decoding and smooth HD video playing.

◆ Total pixel ≤600K points: 1024* 600, Total pixel ≤ 600K points: 1024 * 600 (width ≤ 7968, height ≤2048) ,one gigabit output;

◆ Support 2 video areas;

◆ 4Gbyte storage capacity, USB storage can be expansion to 256GB;support USB disk plug and play ,programs can also be imported into memory for playing, which is very suitable for releasing programs in places without network connection.

◆ Standard onboard independent GPS interface ,On-board brightness, 3.5mm dual channel audio interface;

◆ Standard DY12W-12V power adapter .

◆ BX-4Gu1/4Gu4 wireless module is optional.

◆ UV three-protection glue for all types, national standard 85 protection level, dust prevention, dampproof, anti-static, salt-spray proof;

◆ -40 ℃ ~ 80 ℃, 3.5V-5.5V wide voltage, 7 * 24 hours power-on, fault rate ≤ 0.3%.

Function Introduction

Control area

BX-C2 has one gigabit output; , Total pixel ≤ 600K points: 1024 * 600 (width ≤ 7968, height ≤2048) ,Flexible control area, rich display functions and high cost performance.

Multiple communication mode

The controller is on board a 100M network interface, Optional wireless WIFI, 4G wireless communication interface and independent GPS interface, BX-4Gu1/4Gu4 wireless module and GPS.

Multiple management platform

There are different types of control platform for BX-C series, including PC software LedshowYQ, iLEDCloud platform , iLEDsys system. LedshowYQ is used on PC , it can support windows XP, win7, win10 and other mainstream operating system. The software provides a comprehensive, rich controller configuration, programming, program release function. iLEDCloud platform is an online multimedia information publishing platform, its core server pinned on the Alibaba cloud, providing excellent reliability and stability. Users only need the browser to use the platform, you can remotely edit program, preview the program, scheduled fixed-point playback. Users can log in via phone, pad and pc. If you use LAN, you can choose our LedshowYQ software to manage. Or you can use our iLEDCloud platform, manage by web browser.

Large storage capacity

BX-C1 built in 4G storage for high resolution video. And support extending to 256GB.

Support GPS position

BX-C series supports the convenient access of GPS module, positioning and speed measurement, and can accurately locate vehicles. The vehicle mounted screen can display the vehicle moving track in real time, which is convenient to understand the real-time information of vehicles and personnel, and achieve better vehicle management and scheduling. After the controller is equipped with GPS, after logging in to the iLEDCloud cloud platform, in addition to remote program editing, program preview, fixed time playback and other functions, when the controller obtains the returned positioning signal, it can locate the screen position, and display the screen position on the satellite map positioning interface of the iLEDCloud cloud platform.

Support Mobile App

BX-C series supports mobile APP. APP software is very easy to understand and operate. Users can edit, send data by mobile phone, pad. APP supports searching screen, supports multi languages, supports dynamic preview, video trans-coding function. Supports zoom in and out manually.

Flexible program release methods

Users can use PC software LedshowYQ to add ,edit , preview, release. If network is not convenient, users can also use U-disk to import programs or plug-in and display.

Online update firmware

It supports remotely upgrade firmware, users can use PC software LedshowYQ, iLEDCloud platform to upgrade the latest firmware, to enhance controller functionality, performance, solve bugs. The controller has built-in logging function, it can record various important events, and support remote consult, analyze and solve the fault.

Support lots of sensors

On-board temperature, humidity, brightness ports for many kinds of environmental sensors.It can accurately measure and display brightness, temperature and humidity. Provide accurate data reference for customers in places where temperature, humidity or brightness need to be strictly controlled.

Timer switch screen

After setting the turn on and turn off time, the computer will turn on the machine on time and automatically. It can make use of manpower and material resources reasonably, and greatly improve the service life and reliability of the display screen. When the user is inconvenient to operate on the side of the computer, this function can better realized.

Secondary development

Provide secondary development packages supporting major operating systems such as WINDOWS/LINUX/ANDROID/iOS, including various dynamic libraries, communication protocols, test routines, etc;

Support mainstream programming languages such as JAVA/C/C++/C #/Delphi, and support users to carry out secondary development on various platforms to maximize the development and expansion of users' personalized customization functions.
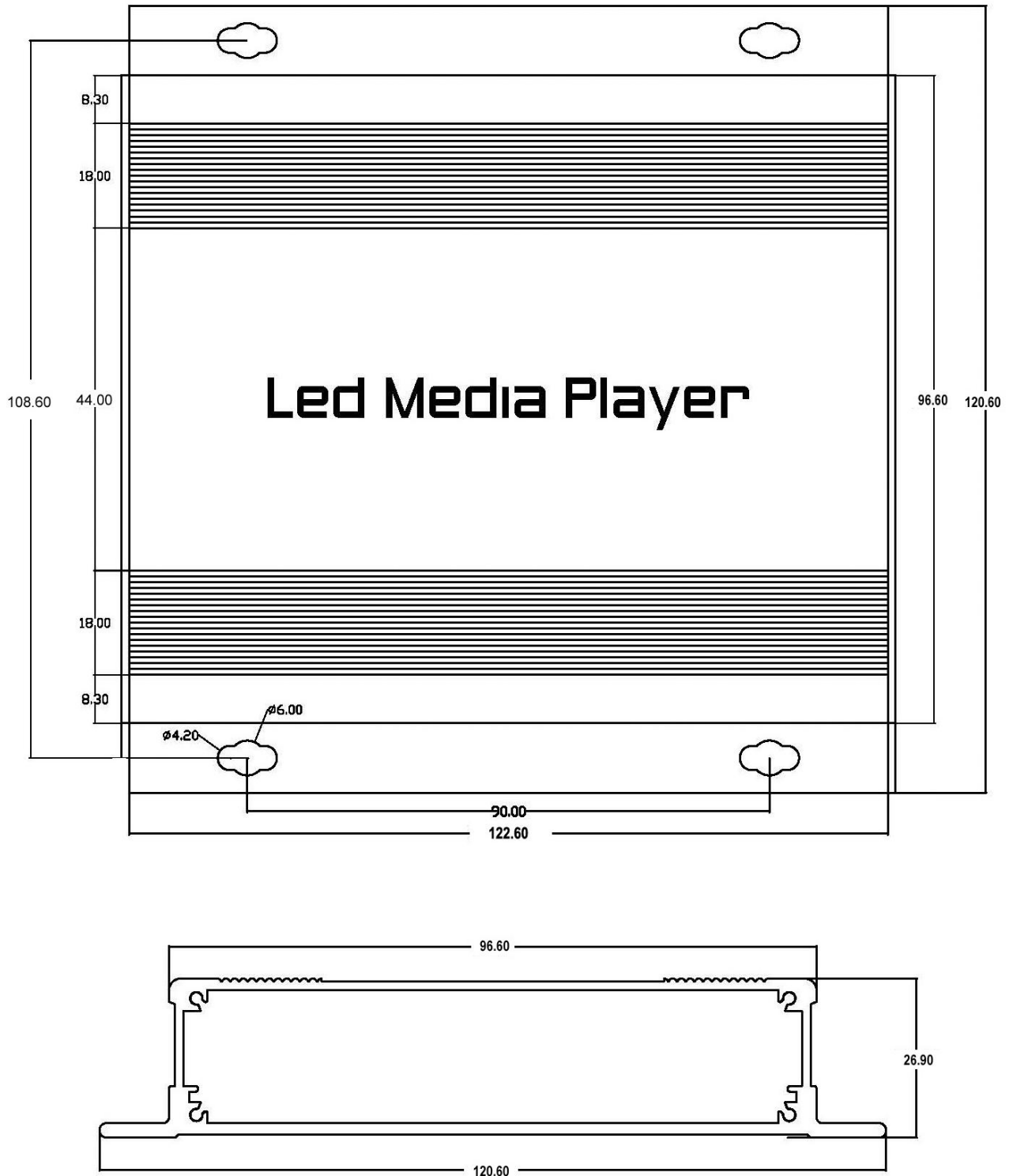
Technical specifications

Screen indicators	
Parameter	Specification
Minimum control pixels	64 × 64
Maximum control pixels	1024×600
Maximum width	7968
Maximum height	2048

Complete machine specification	
Input voltage	12V
Power consumption	≤10W
Working temperature	-40℃～80℃

Dimension diagram

单位：mm

Led Media Player

Interface Diagram

Left panel illustration
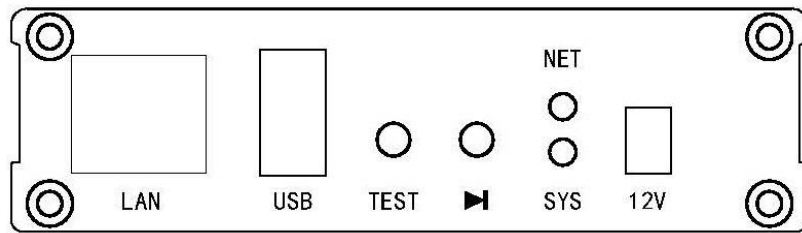
Description of keys and interfaces	
LAN	Ethernet interface, 100M Ethernet, connect with computer
USB	USB disk interface, support USB disk upload programs
TEST	Test button
PROG	Program switch button
NET	Network indicator light
SYS	Operation indicator
12V	12V power interface, rated current 2.5A

Right panel illustration
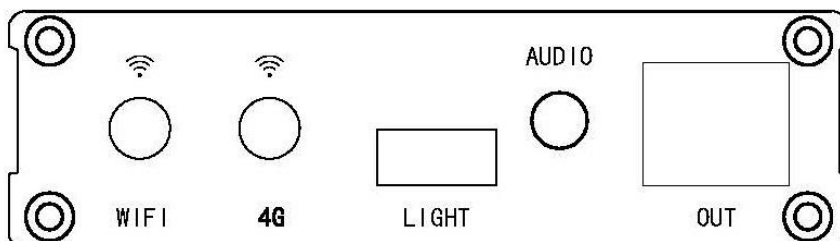
Interface description	
WIFI	Connect with WIFI antenna
4G	Connect with 4G antenna (optional)
LIGHT	Brightness sensor interface
AUDIO	Audio output port

OUT	Output network port, connected with full color receiving card

Contact Us

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