Specifications

Dual-mode Multimedia Player PBOX150

Rev1.0.0 NS120100099

Overview

In order to support traditional digital signage and provide a better entry for our clients into full-color LED display industry to develop media business, Nova has launched dual-mode media player PBOX150. It supports switch between synchronous mode and asynchronous mode, which has made it more convenient for clients to use.

Features

1) With synchronous and asynchronous dual-mode, PBOX 150 supports full zoom of video input in synchronous mode;
2) PBOX 150 supports HDMI Loop;
3) With standard configuration of Wi-Fi function, wireless communication can be realized;
4) WiFi supports AP+Station and you can set up your own LAN while connecting public network;
5) PBOX150 supports the load capability of 600,000 pixels. The maximum width supported is 2048 pixels and maximum height supported is 1024 pixels;
6) PBOX150 supports redundancy backup of 1000M Ethernet port;
7) PBOX 150 supports stereo dual-channel audio output;
8) PBOX150 supports playing program via local USB drive;
9) PBOX150 supports playing program imported via USB drive.
10) PBOX150 supports three ways of brightness adjustment: timing adjustment, automatic adjustment and manual adjustment;
11) PBOX150 supports screen lock and blackout;

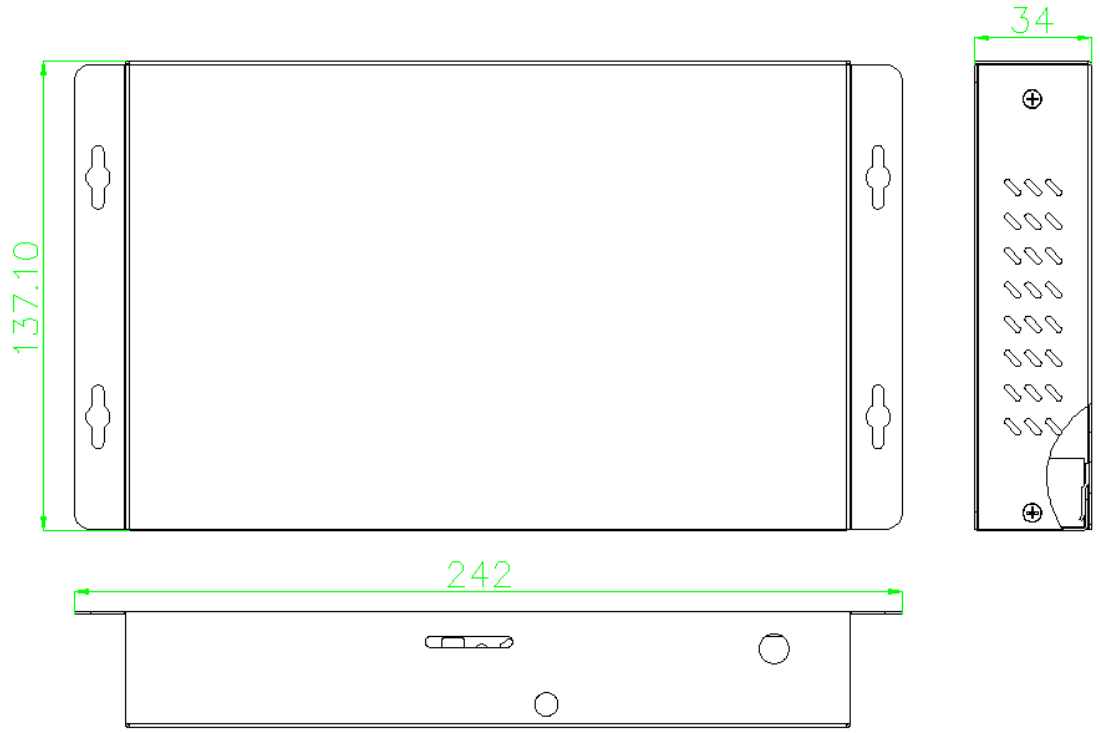
12) PBOX150 supports screen on/off through power switch;
13) PBOX150 supports SD card memory expansion;
14) PBOX150 supports remote cluster control and play via Internet;
15) PBOX150 supports various media formats such as analog clock, animation, picture, text, scrolling text, digital clock, positive and negative timing, Chinese traditional calendar, etc.;
16) PBOX150 supports playing with transparent background;
17) PBOX150 supports a wide range of chips: driving IC of Macroblock, CHIPONE, Sumacro, Mingyang, IT, Bright Way, Hangzhou Silan etc. supported in cascading mode;
18) PBOX150 supports full-color static to 32 scan;
19) Field frequency is up to 60Hz;
20) Grayscale level is settable and the maximum supported grayscale level is 16bits 65536 grades;
21) Refresh rate: scanning screen can be up to 3840Hz and static screen up to 6000Hz;
22) PBOX150 supports brightness and chroma calibration;
23) PBOX150 is able to connect multifunction card MFN300.

Appearance

VIDEO SWITCH	Audio and video switching button The light is on in HDMI mode (synchronous mode) and off in asynchronous mode.
WiFi	Antenna interface
SD	Used to plug into SD card

100~240AV.50/60Hz	Power interface	
Default IP	Default IP of PBOX150 is **192.168.0.220**	
PWR&RUN	Status indicator	PWR: Power indicator
		RUN: Signal indicator
LAN/WAN	100M interface connecting to control computer or to the Internet.	
USB	USB interface for common USB drive	
RESET	Reset button	
TEMP	Interface of temperature detector	
LIGHT	Interface of light detector	
HDMI IN	HDMI input	
HDMI LOOP	HDMI Loop output	
AUDIO OUT	Audio output	
LED OUT	1000M Ethernet port for LED output	
BACKUP	1000M Ethernet port for backup output	

Dimensions



Unit: mm

Technical parameters

Input Power	AC100~240V 50/60Hz
Overall Power Consumption	15W
Operating temperature	-20℃ ~ 60℃
Storage temperature	-40℃ ~ 80℃
Net weight(antenna included)	980g