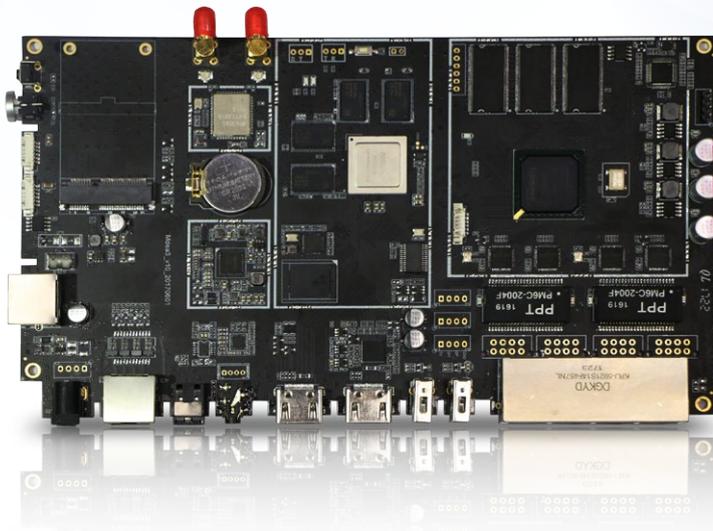




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Media Player Specification

Meda3

Version: V01 Date: 2017-09-13

Product Summary

MDEA3 is YDEA for the advertising market, introduced a new high performance integration of innovative LED display information release system, mainly for advertising network publishing, building lighting display.

MDEA3 integrated networking publishing systems, stand-alone player system, LED control system in one, comes with a network interface (RJ45), WiFi, can external 4G card, real-time publish information and video playback via network synchronization; comes with media player function, can be used as PC host uses to achieve a single player; built-in video processing and LED controller, compatible with LED synchronous asynchronous systems, and competitively priced. With this system, you can help customers simplify the system structure, reduce control costs.

It solved the structure of complex systems, more external devices, single function, control cost is too high, difficult system management, service problems.

Product Feature

● Configuration and powerful

MDEA3 uses RK3288 ARM Cortex-A17 powerful quad core processor, clocked at up to 1.8GHz, equipped with Mali-T760 image processor, support OpenGL ES1.1/2.0.3.0, Open VG1.1, OpenCL, Directx11; high performance embedded hardware accelerated 2D support 4K H.264 and 10bits H.265; video programs, 1080P format video program.

● Simple system architecture

MDEA3 integrated networking publishing systems, LED control systems, stand-alone player system in one of the LED media playback device, to achieve a highly integrated architecture.

● Centralized network management

Mdea3 comes with WiFi and Ethernet interface through the network real-time synchronous playback and video information.

● Standalone media player

MDEA3 own media player, you can use as a PC host to achieve a single player, integrated hardware codec module can support 1080P video decoding and playback; content can be played after the store will make a good play on the hard disk and U disk.

● Better safety performance

MDEA3 based on a common platform, stable performance does not crash, software upgrades easy to maintain, easy to use client, eliminating the need for a lot of training.

Technical Specifications

Hardware Configuration

Multi-media	Photo Viewer : Support JPG, BMP, PNG and other image formats		Audio Format : MP3,WMA,WAV,APE,FLAC,AAC,OGG,M4A,3GP	
	Video Format :Support H.264, VP8, RV, WMV, AVS, H.263, MPEG4 and other video formats 1080P decoding, as well as H.265 encoded 4K high-definition video, HTML5 video playback, Flash10.1 playback			
	AudioFormat: MP3,WMA,WAV,APE,FLAC,AAC,OGG,M4A,3GP			
CPU	Multi-media	RAM	2GB dual channel DDR3	
GPU	Mali-T760	ROM Flash	16GB high speed eMMC	

Network Connections

WIFI	Support 802.11b/g/n system	Ethernet	10/100/1000Mbps Ethernet(Realtek RTL8211E)
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Interface Configuration

HDMI OUT	1*HDMI2.0, support 4K@60Hz	HDMI IN	1* standard HDMI standard signal inputs are supported
LED Video	4 outputs with maximum resolution support for 1920*1080	USB	2can be connected to the mouse, keyboard, U disk, USB camera
Audio	1can connect brightness sensor, temperature and humidity sensor, multi-function board		

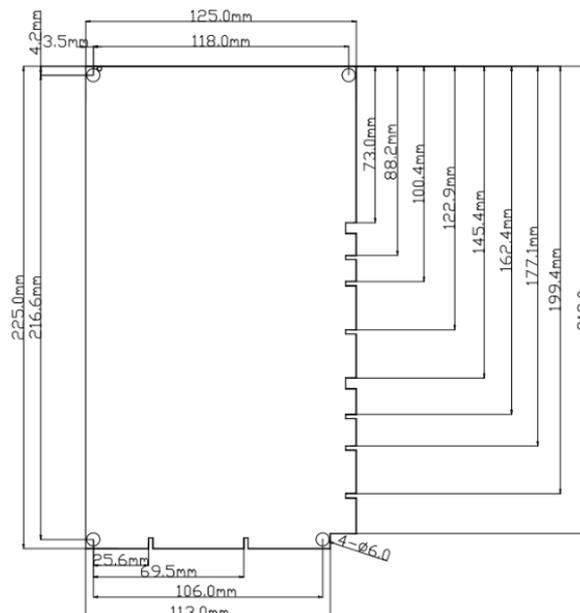
Software Configuration

Operating system	Andriod 5.1.1		
Control Software	YClient2 v1.9.apk	Player software	YdeaStudio_v5.32_170707.apk

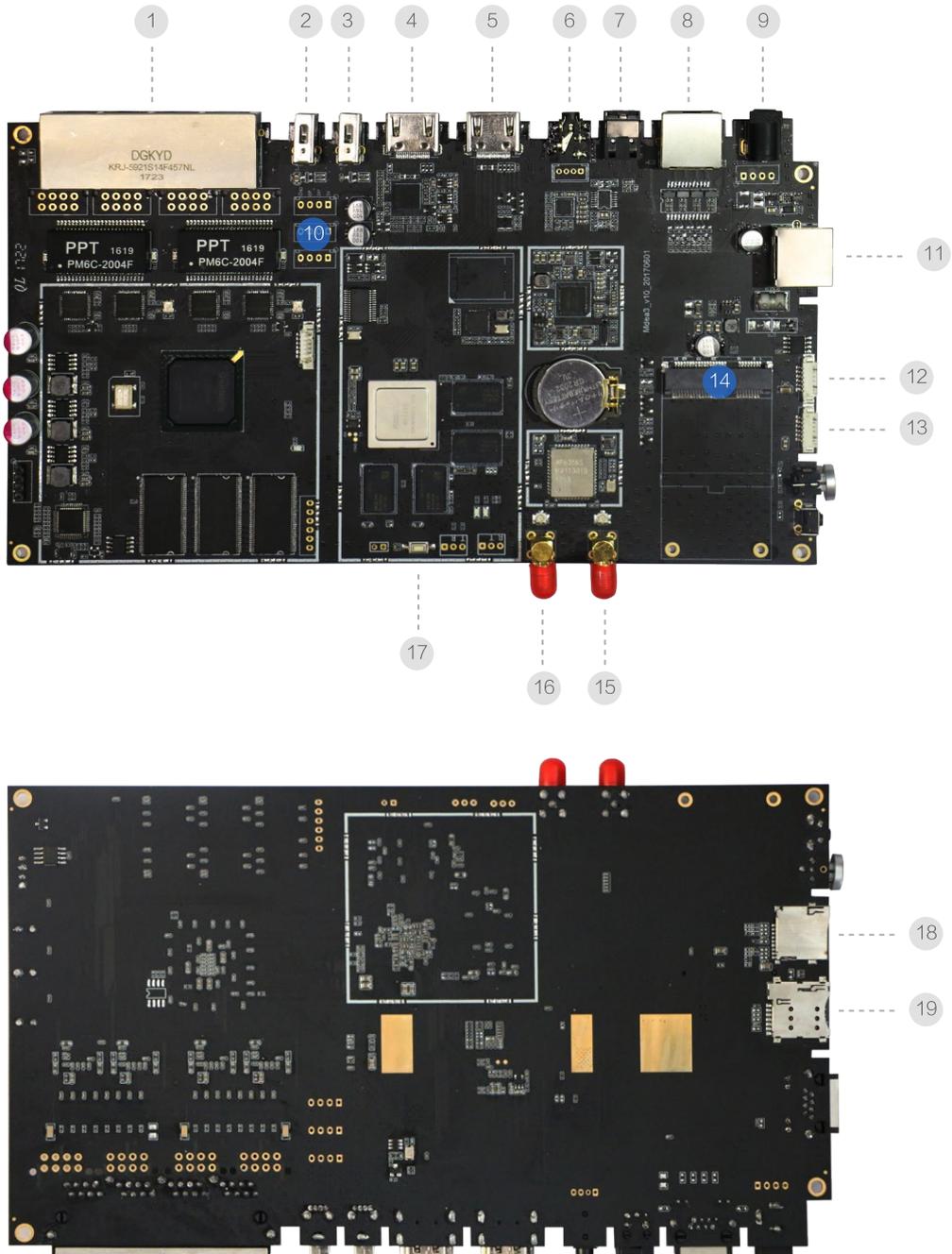
Electrical Specifications

Power	direct-current main (5V,3A)	Temperature	-20°C ~ 75°C
Consumption	≅ 15W	Size (L × W)	225 mm × 125 mm (mm)

Chassis Dimensions



Chassis Interface Definition



- 1 LED output : Used to output video signals
- 2 USB1: Used to burn Android system firmware
- 3 USB2: Can connect U disk, mouse, keyboard, camera
- 4 HDMI IN: HDMI input signal interface
- 5 HDMI OUT: Can be used as an external display screen for debugging and monitoring
- 6 3.5mm headphone interface: Headphones and speakers can be connected
- 7 S/PDIF digital audio interface: High performance speakers can be connected
- 8 Ethernet interface: Used to access the extranet
- 9 DC-in: DC5V/3A
- 10 USB expansion interface: USB HOST
- 11 485 signal interface: It can be used to connect brightness sensor and multi-function card
- 12 TTL: It can be used to connect brightness sensor and multi-function card
- 13 Button interface: There are WIFI interface power button, reset button, reset button system
- 14 4G module interface: Support HUAWEI 4G communication module
- 15 WIFI 2.4G antenna interface
- 16 WIFI 2.4G antenna interface
- 17 WIFI reset key: For WIFI will be reset to the hot mode
- 18 SD card slot: Support 64GB
- 19 SIM card slot: Note: the SIM card notch is outwards inserted