

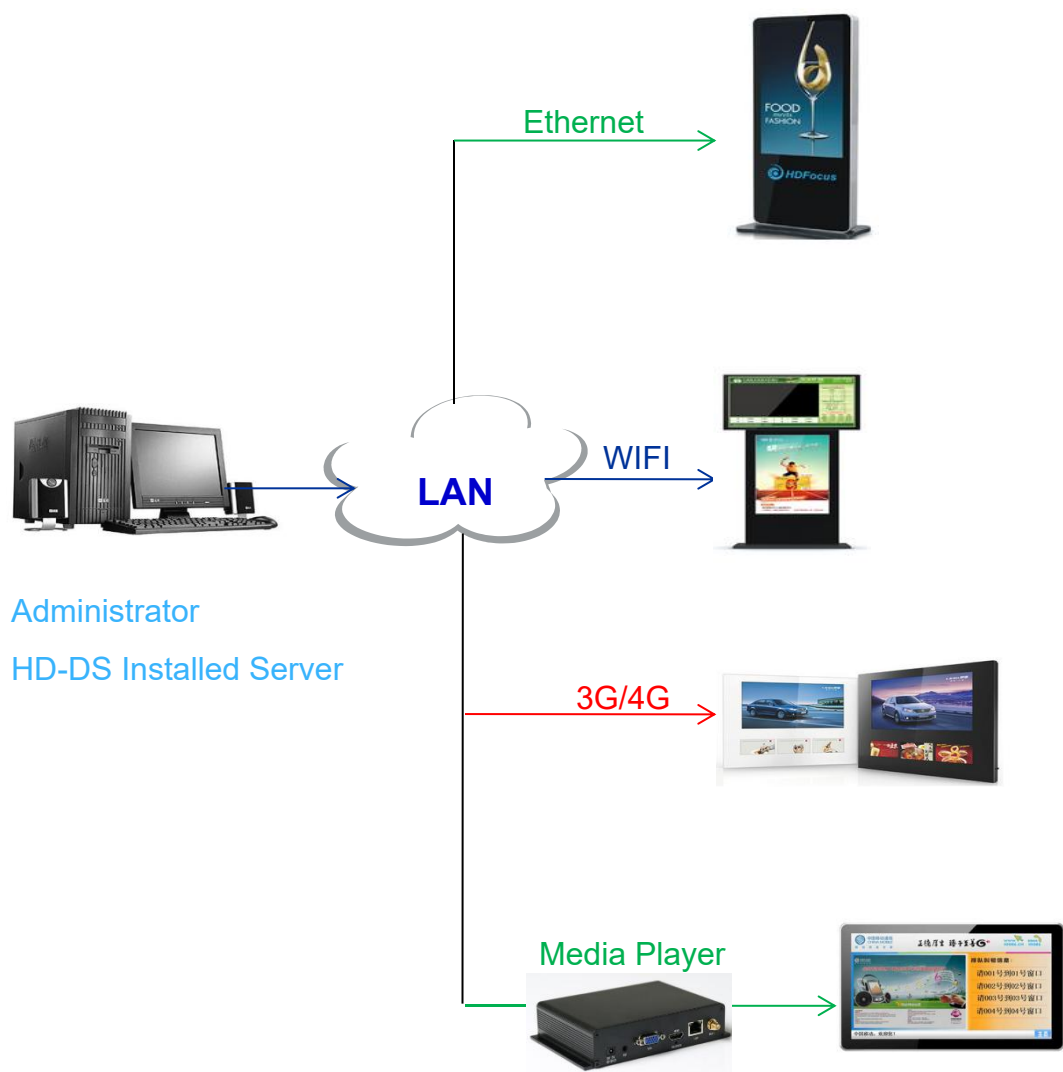
***HDFocus* Specification**

Digital Signage Media Player

Digital Signage Media Player

HD-DC3588 AIBox

1. Solution Overview



We supply a total solution:
Hardware Media Player and digital signage software

Digital Signage Media Player

HD-DC3588 AIBox

2. Product Outlook



Front



Back

3. Specification

Model	HD-DC3588
Product	Digital signage media player
CPU	Quad core Cortex A76+Quad core Cortex A55 2.4GHz
GPU	ARM Mali-G610 MC4
Motherboard	Rockchip RK3588
RAM	DDR4 4G(8G/16G optional)
ROM	Nand Flash 32G(16G~128G optional)
NPU	6T
Network	WiFi 2.4G/5G 802.11a/b/g/n/ac/ax 2T2R
	BT5.0
	4G (optional) MINI PCI-E 52P
	5G (optional) M.2
	Support 10/100/1000M adaptive Ethernet
OS	Android OS 12.0/Linux

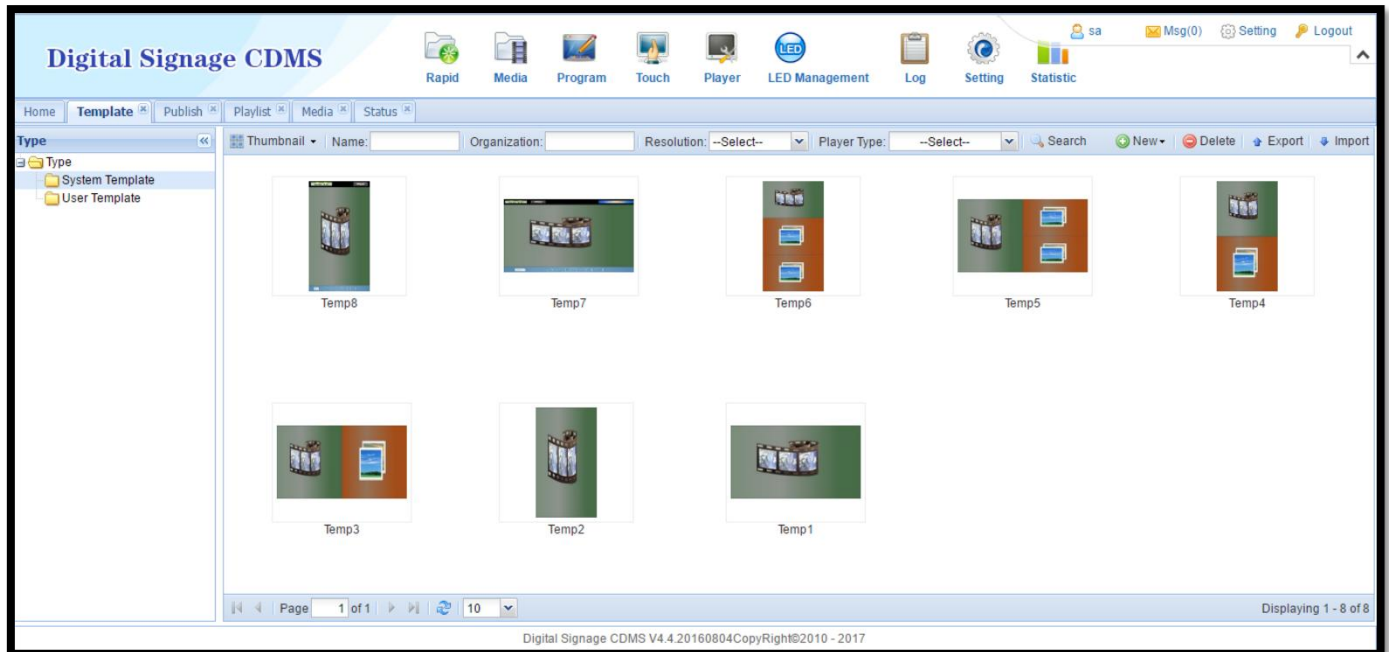
Display	
Display Resolution	HDMI OUT Max Resolution 8K@60Hz
	HDMI IN Max Resolution 4K@60Hz
Program	Touch program and Non touch program
Multimedia	Support H.265/H.264/AV1/VP9/AVS2 video decoding, up to 8K60FPS
	Support H.264/H.265 video encoding, up to 8K30FPS
Digtial Signage Software	CDMS, GTV,ADPE,EzPoster
Video Format	MPEG-1, MPEG-2 MP@HL, MPEG-4.2 ASP@L5 (720p),MPEG-4.10 (H.264) BP@L3, MP@L4.0 and HP@L4.0, WMV9 MP@HL, SMPTE421M (VC-1)
	MP@HL and AP@L3,WMV,MKV,TS,flv
Audio Format	MPEG-1 Layers I, II and III (MP3) 2.0, 24-bit linear PCM7.1, MP3
Picture Format	BMP、JPEG、PNG、GIF etc..

Front Interface	
USB	USB3.0*2
LAN	RJ45*2
Audio	Audio*1
TF card slot	TF card slot*1
HDMI OUT	HDMI OUT*1
HDMI IN	HDMI IN*1
Type C	Type C*1
SIM card slot	NANO-SIM card slot*1
Power	DC 12V*1
IR	Infrared Receiver*1
Rear Interface	
USB	USB3.0*4
RS232	RS232*2
UART	UART*1
WIFI	2.4GHz&5GHz WiFi Antenna
4G	4G/5G Antenna(optional)
Other	
Net Dimension	234*174.5*52mm
Net Weight	0.8KG
Input Power	DC 12V
Working Temperature	0°C~40°C
Accessories	Adapter*1, Remote Control*1, HDMI Cable*1, Antenna*1

4. Main Features:

- ◆ High end metal alloy design, industrial level;
- ◆ Octa-core AIoT flagship chip RK3588;
- ◆ Ultra high definition, resolution up to 8K with HDMI input/output;
- ◆ Ultra high computing power, up to 6T;
- ◆ Supports multiple AI development tools and interfaces;
- ◆ Support Android 12.0 OS or Linux OS;
- ◆ All in one Media Player, user friendly;
- ◆ B/S structure, easy to operate, user can manage the system anywhere as long as he has internet access;
- ◆ Support upload background picture;
- ◆ Support online edit program and release program;
- ◆ Support infrared receiver and working status indicator;
- ◆ No fan design, lower the maintenance cost;
- ◆ Efficient and stable embedded design;
- ◆ Support automatic reset and self repair;
- ◆ Support video, pictures, text, audio and other formats of the network to download and decode playback;
- ◆ Support four levels playback priorities;
- ◆ Support immediate release urgent information or notice;
- ◆ Support for automatic download file updates, download checksum;
- ◆ Support freely split screen display;
- ◆ Support for automatic NTP time;
- ◆ Support timer switch on and off of the media player;
- ◆ Support for the transparency of the text settings;
- ◆ Support for smooth subtitles playback;
- ◆ Built in WIFI and RJ45, can customize 4G/5G;
- ◆ Support vertical screen application;
- ◆ Centralized control, centralized management, no need to change card or insert card, realize different places, different audiences, different time period can play different information content;
- ◆ Software upgrades can be operated remotely by networking upgrade;
- ◆ Support HDMI output in any window playback.

5. Main Functions of Digital Signage Software HD-DS



✦ Terminal media player management

1. Terminal configuration: import terminals, modify terminal information, set the terminal group and so on
2. Terminal monitoring: real-time monitoring terminal's networking status, download progress, version information, operation information, etc.
3. Remote upgrade: Upgrade the terminal firmware remotely

✦ Resource management

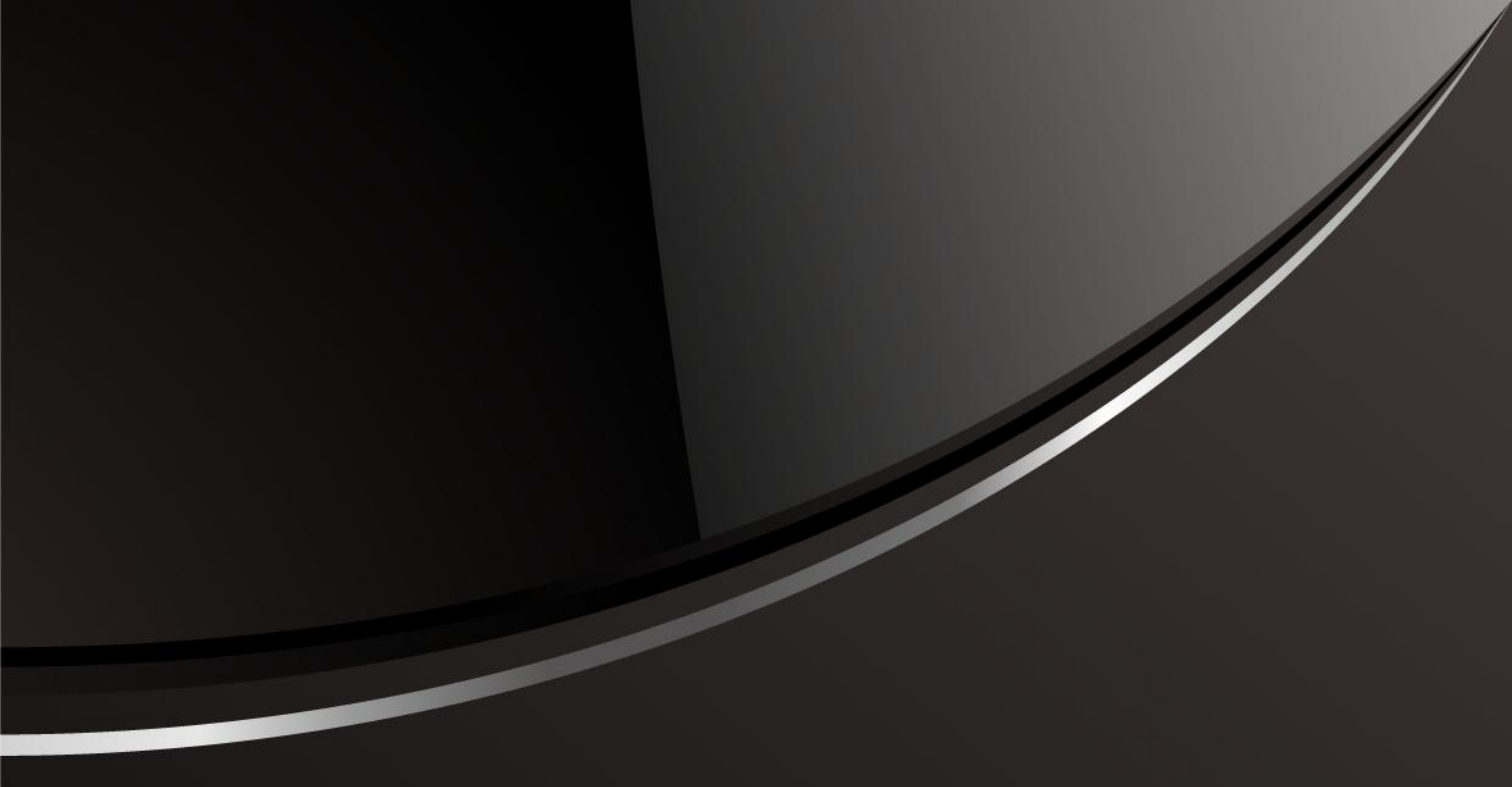
1. Material management: media material upload, preview, classification, delete and other functions
2. Pre-download management: the future may need to play the material pre-download
3. Scene production: the production of reusable scenes

✦ Program management

1. Program Editing: Program creation, editing and distribution
2. Release management: manage the released programs

✦ System settings

1. Screen parameter configuration: According to the screen specification book preparation screen parameters



Shenzhen HDFocus Technology Co., Ltd

Add: 5th Floor, 51 Building, Bantian No. 3 Industrial Park, Bantian Community, Bantian Street,
Longgang, Shenzhen, China 518129
T: 0086 755 8520 4829

Web: www.hd-focus.com