DSP-6100/6200

Fanless Mini Digital Signage Player
with ARM® Cortex®-A53 Based Processor, Rockchip RK3368

- •• Rockchip RK3368 64-bit Octa Core ARM® Cortex®-A53 @1.5GHz
- •• 1GB / 2GB DDR3 memory
- •• 8GB eMMC, 1x Micro SD Cage for storage
- •• 1x HDMI2.0 (4K support) for video output
- •• 1x LAN, Wi-Fi, Bluetooth for network connection
- •• 3x USB2.0, 1x USB OTG for peripheral connection
- •• Ultra-mini size
- •• Android based media player
- •• Content Management System available

Product Overview

DSP-6100/6200, an ARM and Android based fanless mini digital signage player, is the state-of-the-art synergistic alternative to all the conventional billboards, prints, and audio-visual advertisement playback combined, while offering large-size display surface, multimedia audio-visual playback, digital marquee-texting and real-time push-messaging, as well as supporting touch-screen functionality, enabling advanced interactive advertisement (as software option).

DSP-6100/6200 offers customized ad layout, flexible programming and "ad-flash" functionalities for real-time, flexi-content and max-trending ad effect.

Ad-Signage is easy to use, and allows your ad content to be designed and managed according to your communication needs, whilst bringing saving in ad budget, as well as optimizing communication effectiveness.

Ad-Signage, with built-in LAN and wireless LAN networking functionalities, can easily achieve real-time content uplink, effective (single/group) terminal management, perfect for retail outlets, government and education institutions, exhibitions, conferences, hospitals, transportation terminals, etc., where surgical and on-demand mass communication is most commercially effective.

Product Features

- Versatile all-in-one embedded wireless ad display
- Multi-language
- High definition output
- Landscape / portrait display format as required
- Multimedia ad program, internet page, marquee text and ad-flash
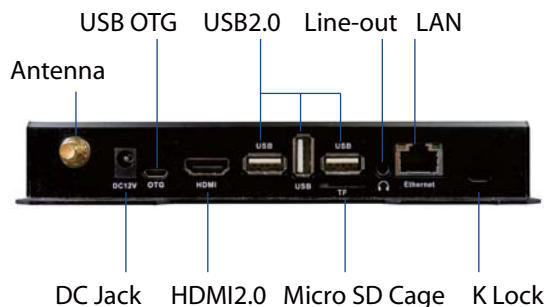- Format to suit ad design
- Built-in flexible and tactical programing
- Ad-flash update remotely and on-site
- Remote-end diagnosis, device update maintenance
- single-machine offline / online and multiple-machine online
- Interactive advertisement support
- GPS, 3G / 4G support

Technical Information

CPU Support	
Rockchip RK3368 64-bit Octa Core ARM Cortex-A53 @1.5GHz	
Memory	
1GB DDR3 memory	
2GB DDR3 memory	
Graphic Controller	
PowerVR SGX6110 GPU up to 600MHz	
Video Interfaces	
1x HDMI2.0 (on rear, 4096 x 2160 @ 60Hz)	
1x MIPI (optional, 13M pixels, for camera input)	
Display Rotation	
Optional (Gyro based, 0° ~ 270°)	
Audio Interfaces	
1x Line-out (on rear)	
Ethernet	
1x 10/100 LAN (RJ-45 on rear)	
Wireless	
Wi-Fi (IEEE 802.11 b/g/n)	
Bluetooth (V2.1+EDR/Bluetooth 3.0/3.0+HS/4.0)	
3G / 4G (optional, by USB dongle)	
GPS (optional)	
USB	
3x USB2.0 (Type A on rear)	
- support IR / PCT / liquid shield / ultrasonic touch	
- support camera input	
1x USB OTG (Micro-USB on rear)	
Storage	
8GB eMMC (default, up to 32GB or NAND Flash by request)	
1x Micro SD Cage (on rear, support up to 64GB)	

Power Supply	
Connector: DC Jack (on rear)	
Input Voltage: DC 12V / 1.5A	
Power Adapter: AC to DC, 100V ~ 240V, 50 ~ 60 Hz	
Firmware	
Watchdog: Programmable WDT to generate system reset event	
Real Time Clock: SoC integrated RTC	
System Control & Monitoring	
1x Power LED (on top)	
1x ADB Button (on front)	
Cooling	
Passive	
OS	
Android 5.1	
Application Software	
Content Management System (optional)	
Construction	
Aluminum Chassis	
Dimensions (W x D x H)	
167.5 x 120 x 26.5 mm / 6.59" x 4.72" x 1.04"	
Weight	
200 g / 0.44 lb	
Environmental Characteristics	
Operation Temp.: 0°C ~ 60°C / 32°F ~ 140°F	
Storage Temp.: -25°C ~ 70°C / -13°F ~ 158°F	
Humidity: 10% ~ 90%	
Mounting	
VESA Mount (100 x 100 mm)	
Security	
1x Kensington Security Slot (on rear)	
Certification	
CE, FCC Class B	

I/Os Panels

Top Side

Front Side | Rear Side

Power LED

ADB Button

Antenna

USB OTG | USB2.0 | Line-out | LAN

DC Jack | HDMI2.0 | Micro SD Cage | K Lock

Ordering Information

Article	Description
DSP-6100	Rockchip RK3368, 1GB DDR3 Memory, 1x HDMI2.0, 1x LAN, 3x USB2.0, 1x USB OTG, 8GB eMMC, 1x Micro SD Cage
DSP-6200	Rockchip RK3368, 2GB DDR3 Memory, 1x HDMI2.0, 1x LAN, 3x USB2.0, 1x USB OTG, 8GB eMMC, 1x Micro SD Cage

Optional Application Software

Content Management System		Entry Level CMS01	Intermediate Level CMS02	Professional Level CMS03
Features	Picture, Video, Audio, Text, Data, Time, Week, Weather, Web, Container, RSS	●	●	●
	Interactive Touch	✕	●	●
	Ad Area, Streaming, Countdown	✕	✕	●
	Ad Management	✕	✕	●
	Program Editor	●	●	●
	Terminal Management	●	●	●
	Resource	●	●	●
	Send / Clearance Check	●	●	●
	Scheduling / Statistics	●	●	●
	Clearance Management	●	●	●