SA101

Digital Signage Appliances

Robust, Compact and Energy-efficient Digital Signage

The DT Research SA101 Signage Appliance features an energy-efficient processor and Android operating system, as well as integrates an HDMI video-out connector for high definition display experience. Combined with the industry-leading WebDT Content Manager and Menu Board Editor software, one SA101 is capable of driving content on the screen while communicating with the server for updates for digital menu board and advertising applications.

Features

- Small, robust and fanless design
- Support up to Ultra-HD/4K @ 60Hz
- Android operating system
- Support for multiple zones of content
- Content flexibility for many multimedia file formats
- Real-time or scheduled content playback
- Flexible screen layout options with multiple zones and layers
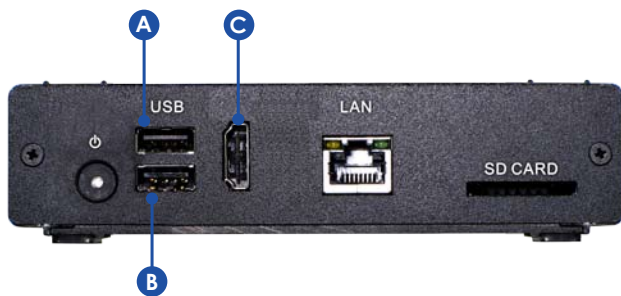- Automatic content download recovery

Applications

- Retail
- Hospitality
- Casino/ Entertainment
- Government
- Transportation
- Healthcare
- Finance

Specifications

System

CPU	ARM
Chipset/GPU	Integrated in the CPU
RAM	2GB
Storage	32GB
Operating System	Android 4.4
Display Resolution	Up to 3840 x 2160 @ 60Hz with RGB 4:4:4, YCbCr 4:4:4 and YCbCr 4:2:2
Video Resolution	Ultra-HD
Network Interface	10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g/n (optional)

I/O Ports

Video-out	HDMI x 1
USB Port	USB 2.0 X 2
Ethernet	RJ45 connector for Ethernet x 1
DC-in	1
Optional Port	Wi-Fi dipole antenna

Mechanical and Environmental

Fan/Fanless	Fanless
AC/DC Adapter	**Input:** 100 - 240V AC; **Output:** 12V DC
Enclosure	Aluminum chassis; ABS plastics end-caps
Dimensions (H x W x D)	1.4 x 5.5 x 5.1 in/ 35 x 140 x 130 mm
Weight	0.88 lbs/ 400 g
Regulatory	FCC Class B, CE, C-Tick, UL, RoHS compliant
VESA Mounting Bracket	Included
Temperature	**Operation:** 0°C – 40°C; **Storage:** -20°C – 60°C
Humidity	0% – 90% non-condensing

* Specifications subject to change without notice.

I/O Ports

A	**USB 1.1/2.0** (If the mouse/keyboard only supports USB 1.1, connect to this port)	
B	**USB 2.0**	
C	**HDMI 2.0** 1920 x 1080 @ 60Hz 3840 x 2160 @ 60Hz* (*RGB 4:4:4, YCbCr 4:4:4 and YCbCr 4:2:2)	