

Digital Signage Appliances

Robust, Compact and Energy-efficient Digital Signage



The DT Research Signage Appliances enable efficient deployment of a digital signage system. The reliable hardware together with an innovative server software suite, facilitates the creation of a unique and powerful communication medium that offers unparalleled opportunities to capture an audience's attention at key decision-making locations.

The DT Research Signage Appliances feature powerful and highperformance processors in compact and robust packages. The DT Research Signage Appliances power displays with dynamic content while communicating with the server for continuous updates. With DVI, VGA, DisplayPort and HDMI outputs, the network-ready DT Research Signage Appliances offer efficient and flexible deployments.

Features

- Android or Microsoft® Windows® operating system
- Outstanding video performance with low power consumption
- Intuitive, web-based remote content and device administration
- Compact size for ease in installation and mounting
- Optional wireless networking
- Support for numerous media formats (e.g., images, videos, Flash, URL, RSS, PowerPoint)
- Optional built-in mini-PCIe TV Tuner card (ATSC/ Clear QAM)
- Optional USB TV Tuner (ATSC/ Clear QAM) with video capture



Applications

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

Specifications

				
Model	SA101	SA1350	SA3000P	SA1360
System				
CPU	ARM	AMD Fusion™ Dual Core, 1.6GHz	Intel® Core™ 2 Duo, 2.26GHz	Intel® Core™ i3 or i7
Chipset/GPU	N/A	AMD Hudson	Intel® GM45	Intel® HM76
RAM	2GB	2GB to 4GB	2GB	4GB to 8GB
Storage	32GB	64GB or 128GB Flash		
Operating System	Android 4.4	Microsoft® Windows® Embedded Standard 7		
Display Resolution	Up to 3840 x 2160	Up to 1920 x 1080	Up to 1920 x 1080	Up to 1920 x 1080
Video Resolution	Ultra-HD	Full-HD	Full-HD	Dual Full-HD
TPM	N/A	N/A	N/A	TPM 1.2
Network Interface	10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g/n (optional)		10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g or Wi-Fi 802.11a/b/g/n (optional)	Dual 10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g/n (optional)
I/O Ports				
Video-out	HDMI x 1	DVI-I x 1, DisplayPort++ x 1	VGA x 1, HDMI x 1	DVI x 1, DisplayPort++ x 1
Audio Jack	N/A	3.5mm phone jack x 2	3.5mm phone jack x 2	3.5mm phone jack x 2
USB Port	USB 2.0 X 2; USB OTG X 1	USB 2.0 X 4	USB 2.0 X 2	USB 2.0 X 4
Serial Port	N/A	RS232 x 2	RS232 x 1	RS232 x 2
Ethernet	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 2
DC-in	1	1	1	2 (include Phoenix connector for 12-24V DC in)
Optional Port	Wi-Fi dipole antenna	Wi-Fi dipole antenna	Wi-Fi dipole antenna	Wi-Fi dipole antenna
Mechanical and Environmental				
Fan/Fanless	Fanless	Fanless	Sealed chassis, external fan	Fanless
AC/DC Adapter	Input: 100-240 V AC; Output: 12V DC	Input: 100 - 240V AC; Output: 19V DC	Input: 100 - 240V AC; Output: 18.5V DC	Input: 100-240V AC; Output: 18.5V DC / Phoenix: 12-24V DC, 3.5A
Enclosure	Aluminum chassis; ABS plastics end-caps	Aluminum + steel		
Dimensions (H x W x D)	1.4 x 5.5 x 5.1 in/ 35 x 140 x 130 mm	2.16 x 5.82 x 6.5 in/ 55 x 148 x 165.1 mm	2.16 x 5.82 x 6.5 in/ 55 x 148 x 165.1 mm	2 x 8.3 x 7.87 in/ 50 x 210 x 200 mm
Weight	0.88 lbs/ 400 g	2.9 lbs/ 1316 g	2.9 lbs/ 1316 g	5.51 lbs/ 2500 g
Regulatory	FCC Class B, CE, C-Tick, UL, RoHS compliant	FCC Class B, CE, C-Tick, RoHS compliant	FCC Class B, CE, UL, C-Tick, RoHS compliant	FCC Class B, CE, UL, RoHS compliant
VESA Mounting Bracket	Included	Included	Included	Included
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C			
Humidity	0% – 90% non-condensing			
Major Option				
USB TV Tuner	USB TV Tuner (ATSC/ Clear QAM) with video capture (S-video/composite inputs)			

* Specifications subject to change without notice.

**For SA1350 and SA1360, the mini TV card cannot co-exist with Wi-Fi module and only support 1 x COM Port



VESA mounting bracket included

Product Configurator



www.dtresearch.com/productconfig