



RD31600SMS

MULTI SCREEN APPLIANCE

Power Multiple Screens for Digital Signage Arrays



The Redsis Multi Screen Appliances feature powerful and energy efficient processors and multiple video connections for high resolution digital signage applications.

Combined with the industry-leading WebDT Content Manager and Menu Board Editor software, these rugged, powerful appliances are capable of driving multimedia and database content to displays in digital menu board, video wall and ribbon, and other signage applications that require the dynamic display of high resolution graphics and video.

Redsis Multi Screen Appliances are ideal for installations in demanding, high-profile environments such as restaurants, retail, concessions, sports and entertainment venues and transportation stations.



Features

- Drive 2 to 16 screens; Full-HD/1080P content supported on each screen
- Microsoft® Windows® operating system
- WebDT Content Manager and HTML5 Menu Board Editor software included
- Support for multiple zones of content on each screen
- Content file flexibility for multimedia file formats, live database and video feeds, tickers, and executable applications
- Content played in native format over multiple screens

Applications

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



System

CPU	Intel® Core™ i7, 6 cores
RAM	8GB DDR4
Storage	120GB to 480GB SSD
Operating System	Microsoft® Windows® Embedded Standard 7
Network Interface	10/ 100/ 1000Mb BaseT LAN
Max. Display Connection	8 or 12 screens
Display Resolution	1920 x 1080 @ 60Hz (x 8 or 12)
Video Performance	1080P x 8 or 12 @12mbps/30fps; 2160P x 3 @60mbps/30fps
I/O Ports	
Video-out	8 or 12 mini- DisplayPort (1.2) outputs ②
Audio Jack	3.5mm phone jack x 5/ Digital output x 1
USB Port	USB 2.0 X 6 USB 3.0 X 6
eSATA port	N/A
Ethernet	RJ45 connector for Ethernet x 1

Mechanical and Environmental

AC/DC Adapter/ Power Supply	650W ATX
Enclosure	Aluminum + steel
Dimensions (H x W x D)	3.5 x 19 x 17 in/ 88.2 x 482.6 x 431 mm
Weight	22.16 lbs/ 10.05 kg
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	5% – 95% non-condensing

Major Option

HDMI Video Capture Card	Video capture card with HDMI, component, composite and S-video inputs *HDCP content (High-Bandwidth Digital Content Protection) not supported
1080P Video Capture Card	Video capture PCI-E card with HDMI 1080p, component, S-video and composite inputs * HDCP content (High-Bandwidth Digital Content Protection) not supported
HD Video Capture USB Stick	N/A

* Specifications subject to change without notice.

** Case design may differ in different markets/countries.

① Please note that actual performance will still depend on different media content and profile.

② The mini-DP to DP/ DVI/ HDMI adapters are included.

③ For the 6 display outputs, use the 4 ports on the graphic card and choose 2 display outputs on the mother board (e.g. HDMI and DVI-I, DVI-I and DP or HDMI and DP)