8 Port VGA over Cat5 Digital Signage Broadcaster with RS232 & Audio
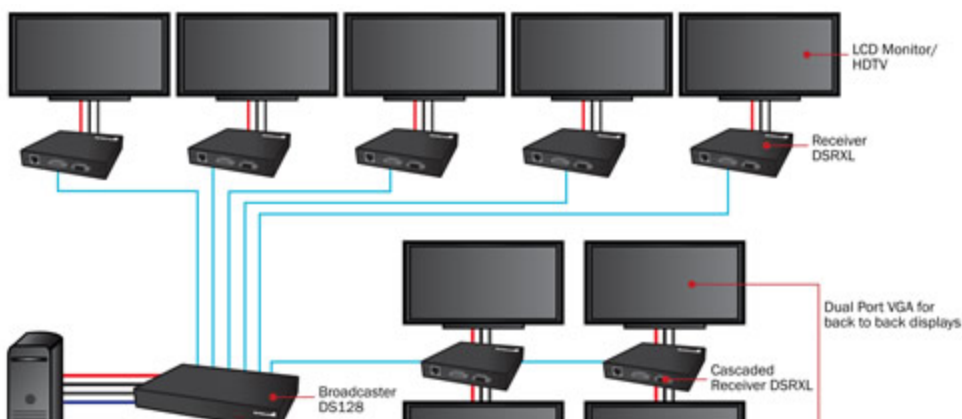
StarTech ID: DS128

StarTech.com's DS Series Cat5 Digital Signage Broadcaster with RS232 Serial and Audio offers a comprehensive audio and video extension system, with the added benefit of serial control!

Compatible with virtually any VGA-capable PC or Digital Signage media player, the DS128 VGA Splitter lets you deliver VGA video as well as the accompanying audio and serial control signals to the connected Cat5 VGA Receivers (DSRXL - purchased separately), all through one Cat5 cable.

Comprised of this unit (DS128) and the corresponding receivers, our DS Series offers several unique features compared to our other VGA Extenders, including the ability to extend RS-232 serial signals from the source to each display for controlling the displays as well as Java Client Management Software (DSNet Manager) that simplifies adjusting the settings for each receiver and display. The sofware can be controlled via an Ethernet port on a PC/Media Player or on a LAN (Local Area Network).

Ensuring not only a simple and cost-effective way to extend and control VGA video and the corresponding audio, the DS series (DS128 and DSRXL) also maintains exceptional, high quality video, up to 1600x1200 over a 100m connection. For further extension, you can daisy chain up to five receivers, for a maximum distance of 300m.

Media Player
or Computer

— Audio
— VGA
— Serial
— Cat5/6/7

Applications

- Use digital signage to catch the attention of your audience and deliver up to date content the way you want it to be seen and heard.
- The DS Series can be used in education, healthcare, retail, hospitality, and other environments.
- Broadcast up to 80 displays when daisy chaining receivers. Deliver a VGA, audio and serial signal to each display along with the DSRXL receivers. With RS-232 controls you can control displays from the PC or media player.

Features

- DS Series 8 Port Broadcaster is able to send out VGA, Audio, and RS-232 signals to the DSRXL receiver
- Supports resolutions up to 1600x1200 at 100m / 300ft distance. Ability to go up to a total maximum 300m / 900ft when daisy chaining a maximum of five DSRXL receivers
- Included DSNet Manager JAVA based software puts you in control. Software allows access to each receiver to configure system, image quality, power on/off receivers, and turn video or audio off.

Technical Specifications

Warranty	2 Years
Ports	8
Cabling	Cat 5 UTP
Audio	Yes
Rack-Mountable	Yes
Industry Standards	DDC/EDID Emulation for port 1 monitor
Daisy-Chain	Yes
Local Unit Connectors	1 - DB-9 (9 pin; D-Sub) Female
Local Unit Connectors	1 - DB-9 (9 pin; D-Sub) Male
Local Unit Connectors	1 - VGA (15 pin; High Density D-Sub) Female
Local Unit Connectors	1 - VGA (15 pin; High Density D-Sub) Male
Local Unit Connectors	10 - RJ-45 Female
Local Unit Connectors	2 - 3.5 mm Mini-Jack (3 Position) Female
Maximum Cable Length	32.8 ft [10 m]
Max Distance	300 m / 950 ft
Maximum Analog Resolutions	1600x1200
Supported Resolutions	1600x1200 @ 100m / 330ft 1280 x 1024 @ 300m / 950ft
Wide Screen Supported	Yes
System and Cable Requirements	One Cat5 VGA Receiver (DSRXL) per monitor you are connecting
Note	Up to 5 receiver units can be daisy-chained from the broadcaster unit extending to a maximum distance of 300m
Color	Black
Enclosure Type	Steel
Product Length	11.8 in [300 mm]
Product Width	6.3 in [160 mm]
Product Height	1.6 in [40 mm]
Product Weight	3.1 lb [1.4 kg]
LED Indicators	1 - Power (Red)
LED Indicators	2 - 10/100 (Red) - LAN speed
LED Indicators	2 - Link (Green) - LAN link status
LED Indicators	8 - Receiver (Green) - Receiver link status

Power Source	AC Adapter Included
Output Voltage	5 DC
Output Current	2A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	0~90% RH
Shipping (Package) Weight	5.9 lb [2.7 kg]
Included in Package	1 - Digital Signage 8 Port Transmitter
Included in Package	1 - 3.5mm Audio Cable
Included in Package	1 - VGA Cable
Included in Package	2 - Rack Mounting Brackets (w/ Screws)
Included in Package	1 - DSNet Manager Software CD
Included in Package	1 - Universal Power Adapter (NA/UK/EU/AUS)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

CE

FC

RoHS Compliant
Available