

## 8 Port Cat 5 VGA 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. The DSRXL receivers, then convert the signal back into distinct RS232 serial, VGA and Audio signals at the destination points.

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 software 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.

## Applications and Solutions

- 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.
- The DS Series can be used in education, healthcare, retail, hospitality, and other environments.
- 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.

## Features

- DS Series 8 Port Broadcaster is able to send out VGA, Audio, and RS-232 signals to the DSRXL receiver.
- 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.
- 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.

## Technical Specifications

- Warranty: 1 Year warranty
- Maximum Resolution: 1600x1200 @ 100m / 330ft
- 1280 x 1024 @ 300m / 950ft
- Color: Black
- Connector Types: 2 - High Density 15 pin Female
- Connector Types: 2 - Phono 3.5 mm Female
- Connector Types: 10 - RJ45 Female
- Connector Types: 2 - DB9 Male
- Enclosure Type: Steel
- LED Indicators: 1 - Power (Red)
- LED Indicators: 2 - Link (Green) - LAN link status
- LED Indicators: 2 - 10/100 (Red) - LAN speed
- LED Indicators: 16 - Receiver (Green) - Receiver link status
- Maximum Cable Length: 32.8 ft [10 m]
- Number of Ports: 8
- Operating Temperature: 0 to 40 Degrees C
- Output Current: 2000mA
- Output Voltage: 5 DC
- Power Adapter Included: Yes
- Power Adapter - Amperage: 600mA
- Power Adapter - DC Voltage: 12V DC
- Center Tip Polarity: Positive
- Carton Quantity: 8
- Storage Temperature: -20 to 60 Degrees C

- Shipping (Package) Weight: 5.75 lb [2.6 kg]
- Humidity: 0-90% RH, non-condensing
- RS-232 Serial Support: Yes
- Audio Support: Yes, Stereo CD Quality sound
- DDC/EDID Emulation: Yes, emulation for port 1 monitor
- Rack-Mountable: Yes
- Wide Screen Supported: Yes

