AvediaStream® Encoders

Stream high quality, low latency video over IP

Exterity AvediaStream® Encoders stream live and pre-recorded video and audio directly onto an IP network, creating channels from the output of a wide range of sources, including satellite TV set-top boxes, digital signage systems and computers.

The Exterity Encoder range delivers high-quality video up to 4K UHD from sources including HDMI and SDI, and is suitable for a wide range of industry and video solution requirements.

Flexible and easy to use, AvediaStream Encoders integrate seamlessly within any Exterity IP video or industry-standard solution. System management from the Exterity AvediaServer® provides an easy way to control content delivery to each individual screen.

AvediaStream Encoders can also be managed as standalone units through a web browser.

Benefits of AvediaStream Encoders

- Take any source and make a channel available on the network alongside live broadcast channels streamed from Exterity AvediaStream Gateways
- Minimise glass-to-glass latency with full multicast delivery when streaming live video
- Enable organisations to legally stream premium video content to up to 1000 compatible Exterity AvediaStream® Media Players with AvediaStream e383x HDCP Encoders
- Support Multicast UDP and seamlessly integrate with the AvediaStream Origin Server to deliver video streams to mobile devices and the internet.
- Contribute production-quality video to NDI® environments with HDMI Encoders
- Stream live video securely and reliably between remote sites over the internet, using the SRT protocol.

AvediaStream Gateway

AvediaStream Encoder

AvediaServer with built-in ArtioSign®, Smart Control and ArtioGuest® apps

AvediaStream Transcoder

AvediaStream Origin Server

LAN

Displays

ArtioSign digital signage

ArtioGuest interactive portal

AvediaStream Media Players

SmartTVs

LFDs

AvediaPlayer Desktop

Mobile devices

WAN

Remote site

Remote site

Remote site

Remote site

IP Video & Digital Signage Solutions
AvidiaStream Encoders

Streaming video content to mobile devices
Combining AvidiaStream Encoders with the AvidiaStream o7520 Origin Server can extend video streams outside the LAN for direct delivery to mobile devices or to contribute to Content Delivery Networks.

The Exterity Encoder comparison table below details the specific features of each model to help you select the most suitable encoder to meet your requirements.

<table>
<thead>
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<th>Source</th>
<th>IR Out (source control)</th>
<th>Inputs</th>
<th>Composite</th>
<th>S-Video</th>
<th>SD Component</th>
<th>RGBS</th>
<th>HDMI</th>
<th>SDI (SD, HD, 3G)</th>
<th>Display Port</th>
<th>SFP Interface</th>
<th>Line Level Stereo</th>
<th>Audio Input</th>
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AvidiaCare

Ensure your Exterity solution is protected, maintained and enhanced over its lifetime with our comprehensive AvidiaCare support warranty. AvidiaCare provides access to software and firmware updates, tech support and advance product replacement. Please contact your Exterity reseller for more information.