

# EMS-200

Stream management and harmonization for OpSpace systems



- Up to 64 channels
- 300 Mbit/s of streaming video
- Network stream conversion
- Full OpSpace support

The Enterprise Media Server (EMS) is a derivative of the Transform N MSG Streaming Node, adding the capability to integrate more closely into the OpSpace system by using a central management portal.

The EMS is part of Barco's innovative networked visualization solution. This device contains multiple services to process and redistribute up to 64 channels of streaming video. Compatible with a continuously growing list of encoders and cameras, the EMS combines versatility with best in class performance.

## Features and benefits

- Manages and harmonizes up to 64 channels and 300 Mbit/s of streaming video
- Pre-processes the streams on the fly and feeds them to Barco's universal decoders, guaranteeing low-latency processing
- Integrated watchdog functionality ensures high availability of the streaming video
- Continuously growing list of compatible encoders/cameras, including support for high frame rate and megapixel images
- Load reporting allowing higher level resource management
- Easy integration into 3rd party video management systems through URI based APIs
- Network stream conversion from unicast to multicast and vice versa
- Hooks up to the Barco central management software (as part of OpSpace v1.0)

**PRODUCT SPECIFICATIONS****EMS-200**

<b>Inputs</b>	
Channels (harmonisation)	64
Bandwidth	300 Mbit/s (max)
HTML to H.264	Up to 4 times Full HD @15fps
<b>Outputs</b>	
Bandwidth	300 Mbit/s (max)
Channel outputs	64
<b>General specifications</b>	
Software	Barco EMS Stream Management and Harmonization system
Operating system	Linux
Regulation Compliance	CE, CB, IEC60950-1, ETL, CCC, FCC Class A
Platforms	Compact Industrial Server NGP-200
Weight	5.5kg   12.13 lbs
Disk drive	Premium Solid State Drive
Network	2x 1GB LAN (only single LAN supported)
Form factor	3U 1/2 19" Rackmount housing
Dimensions	133mm x 220mm x 279mm   5.24" x 8.66" x 10.98"
Power supply	100-240V, 5-3A, 50/60Hz
Power consumption	typ. 124W   max 270W
Temperature range	0° -40°C   32° -104°F
Humidity	Max 80% (non-condensing)
Noise Level	Max 31 db(A)
Article number	R9820011 EMS-200 Media Server

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Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.