

EMS-110

Enterprise media server



The EMS is part of Barco's innovative networked visualization solution. This device contains multiple services to process and redistribute up to 70 channels of streaming video. Compatible with a continuously growing list of encoders and cameras, the EMS combines versatility with best in class performance.

Features:

- Manages and harmonizes up to 70 channels up to a maximum aggregated bandwidth of 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
- Supports UDP streams (elementary & transport streams) & TCP streams (Milestone XProtect, ...)
- Load reporting allowing higher level resource management
- Supports NIC bonding (active fail-over of device network port)

- Supports redundant cluster (fail-over from one device to another)
- Supports swapping sources in a layout
- Supports touring of sources over time in a layout
- Easy integration into 3rd party video management systems through URI based APIs
- Network relay from unicast to multicast and vice versa
- Integrates with Barco central management software

Product specifications**EMS-110****General specifications**

Memory	8 GB RAM
Network	2 x 1 Gb/s LAN
Operating system	Linux
Processor	Intel(R) Core(TM) i5
Hard disk	128 GB Industrial SSD
Software	Barco EMS Stream Management and Harmonization system
Inrush current limiting	174A @230V / 72.5A @115V
Model	P110
Form factor	60 x 190 x 190 mm 2.36 x 7.48 x 7.48 in
Power supply	External PSU 150W / 90 – 264 VAC / 47 – 63 Hz
Weight	2.2 kg (4.5 kg packed)
MTBF	47,500 h
Power consumption	Typ. 83W max. 109 W
Heat dissipation	283 BTU/h
Temperature range	0° -40°C 32° -104°F
Humidity	Max 80% (non-condensing)
Noise Level	Max. 32dba (measured at 1m/32.8ft distance at 22°/72°F)
Compliance	CE, CB, UL, RCM, BIS, CU-EAC, CCC, KC, FCC Class A, CCC
Package content	1x EMS-110 Server 1x Power Supply 1x Mounting bracket set 1x Vertical stand 1x Region specific mains cable (option)
Mounting	R9811098 P110 VESA Mount (for 1x OPS-110 + 1x PSU)
Inputs	
Bandwidth	64
Outputs	
Channel outputs	300 Mbit/s (max)

Last updated: 21 May 2026

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