

# MR-100-E

## MR-100-E mission recorder



Barco's MR-100-E mission recorder is a **standalone rugged recorder for naval applications**. The MR-100-E captures, archives and manages mission-critical audio and video data. It provides a unified web service interface for an **easy integration** with the system application software. The MR-100-E is dedicated to systems demanding **high-recording performance**.

Barco's MR-100-E mission recorder helps to safeguard mission survivability thanks to a unique safe passthrough capability. This guarantees the **availability of video and audio paths in case of critical failures** (even in case of power loss). The mission recorder uses **MPEG-4 compression technology**, which is now widely used in modern computing platforms and offers the great advantage of providing high video quality while limiting the total amount of data.

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**Product specifications****MR-100-E**

<b>Storage capacity</b>	4x500 GB removable HDD max
<b>Video Input</b>	Dual Analog & Digital Video Input•; 800x600 to 1920x1200•; MPEG-4 encoding
<b>Video Output</b>	Safe pass-through•; Dual Analog & Digital Video output•; 800x600 to 1920x1200
<b>Audio Input</b>	Analog Stereo Audio Input, 600 □Sampling 16-bits 44.1 KHz
<b>Audio Output</b>	Analog Stereo Audio Output (2W/ 8 Ω)
<b>Interfaces</b>	USB 2.0, Gb Ethernet
<b>Operating system</b>	Windows XP/XPe/7, Linux
<b>Power Supply</b>	115/230 VAC auto-range
<b>Dimensions</b>	483 x 89 x 482mm (with front handles)
<b>Weight</b>	< 14 kg
<b>Vibration</b>	MIL-STD-167 and MIL-STD 810F
<b>Humidity</b>	MIL-STD-167 and MIL-STD 810F
<b>Operating temperature</b>	0°C, +50°Caccording to MIL-STD 810F
<b>EMI / EMC</b>	EMI/EMC CE/FCC class A