

SAN-050

Powerful decoder for integration in Barco CTRL platform



- **Secure Appliance Node**
- **4KUHD or 4x Full HD output**
- **Compact design**
- **Designed for 24/7 operation**

Barco's SAN-050 is a powerful secured applications node. It is used in the networked visualization environment of a Barco CTRL system. The display controller has a high-end graphics card to perform all needed rendering operations.

Features:

- Compact design
- Up to 4K-UHD resolution, or 4x Full HD
- Most extensive list of supported codecs and formats
- Redundant network interface
- Silent operation in a compact and flexible form factor
- Mature Barco quality, robust and reliable

Product specifications

SAN-050

General Specifications

Network	2 x 1Gb/s Ethernet -active failover
Output	For a full list of resolutions please check the Barco CTRL Features and Specifications document. Video outputs (HDMI™ 2.0 -No CEC onboard): Up to 1x 3840x2160 @60Hz Up to 4x 1920x1080 @60Hz Audio outputs: 1 x 3.5mm Stereo Jack Line-out
Input	Barco CTRL Video & Interactive Sources
USB	2x USB 3.0 (Type A) 2x USB 2.0 (Type A)
Dimensions	28 x 180 x 190 mm without plastic cover 33 x 180 x 190 mm with plastic cover
Power supply	19 DCV, 3.42A
Weight	1.03 kg
Power consumption	25W typical operation, max. 55W
Heat dissipation	85,48 BTU/h/m ² (typ) / 187,67 BTU/h/m ² (max)
Temperature range	0° -40°C 32° -104°F
Humidity	Max. 80% (noncondensing)
Noise Level	Max. 24dbA (measured at 1m/3.28ft distance at 25°C)
Compliance	CE, CB, UL, FCC Class B, BIS, KC, CU-EAC, CCC, DoC, RCM, BSMI, UKCA, TAA Regulatory Model Name: P50_X
Order Information	R985000 SAN-050 Secure Appliance Node R985000IAU SAN-050 Secure Appliance Node AU R985000I SAN-050 Secure Appliance Node CN R985000F SAN-050 Secure Appliance Node EU R985000D SAN-050 Secure Appliance Node IN R985000RK SAN-050 Secure Appliance Node refurb R985000BTW SAN-050 Secure Appliance Node TW R985000G SAN-050 Secure Appliance Node UK R985000B SAN-050 Secure Appliance Node US

Last updated: 19 Jun 2026

© 2026 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.