

# SAS-050

Powerful server for use in Barco CTRL environment



- Security by design
- Redundancy option
- Compact form factor
- Designed for 24/7 operation

The SAS-050 is the service node for Barco CTRL, delivering the core functionality of the networked visualization system. This device manages all hardware, and orchestrates the collaboration and visualization of the information shared between the different displays and operator workstations in a Barco CTRL system.

Managing the security features of the Barco CTRL platform, the SAS-050 is a vital component of the system

## Features and benefits

- Manages complete Barco CTRL system and its cybersecurity
- Handles collaboration and sharing of information
- Runs the Barco CTRL software

## Product specifications

## SAS-050

### General specifications

|                   |                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network           | 2 x 1Gb/s Ethernet -active failover                                                                                                                                                                                                                                                                                                                |
| Output            | OSD available                                                                                                                                                                                                                                                                                                                                      |
| USB               | 2x USB 3.0 (Type A)<br>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 <sup>2</sup> (typ) / 187,67 BTU/h/m <sup>2</sup> (max)                                                                                                                                                                                                                                                                               |
| Temperature range | 0° -40°C   32° -104°F                                                                                                                                                                                                                                                                                                                              |
| Humidity          | Max. 80% (noncondensing)                                                                                                                                                                                                                                                                                                                           |
| Noise Level       | Max. 24dba (measured at 1m/32.8ft distance at 25°C)                                                                                                                                                                                                                                                                                                |
| Compliance        | CE, CB, UL, FCC Class B, BIS, KC, CU-EAC, CCC, DoC, RCM, BSMI, UKCA, TAA<br>Regulatory Model Name: P50_X                                                                                                                                                                                                                                           |
| Order Information | R985005B   Secure Appliance Server US<br>R985005D   Secure Appliance Server IN<br>R985005F   Secure Appliance Server EU<br>R985005G   Secure Appliance Server UK<br>R985005I   Secure Appliance Server CN<br>R985005AU   Secure Appliance Server AU<br>R985005BTW   Secure Appliance Server TW<br>R985005   Secure Appliance Server No Power Cable |

Last updated: 21 May 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](http://www.barco.com) for the latest specifications.