CENTRALIZED VIDEO WALL MANAGEMENT

MASTER PC

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The **BMCS Master V1.0** is a hardware unit designed to manage and control distributed video wall systems. It provides centralized management of connected encoders, decoders, video sources, and display layouts through a web based interface. One Master unit can manage multiple video walls and individual screens with different resolutions.

Centralized System Management
The BMCS Master PC manages all connected devices and video sources within the network. It controls decoder operations, source configurations, IP settings, and individual input options, providing centralized management of the complete display system.

Flexible Display Control
The graphical preview editor allows users to adjust window sizes, positions, and bezel correction across multiple video walls and individual screens. The web based interface can be accessed from a PC, tablet, or smartphone without dedicated control software.

Automatic Redundancy
Multiple Master units can operate together with automatic failover. If the active unit experiences a network or hardware failure, another Master takes over automatically. Configuration data is synchronized between active and standby units to maintain consistent system settings.

Scalable Network Management
The BMCS Master PC supports an unlimited number of users and network nodes under its licence. Multiple operators can access the web based interface from different devices to manage the display system. This allows the system to accommodate additional encoders, decoders, and video walls without licence restrictions on the number of connected nodes.

Metal chassis Size: 23.7x20x9.5 cm
Weight: 2.1kg
Volume: 4.5 l

Power supply:
External, fanless 230V power supply, max 120W, typical 30 W

Intel Core:
i5 12400 CPU, 2×8 GB DDR5 RAM, 250GB SSD

OS:
Ready to run appliance, Linux based OS

Management Network:
2 × Ethernet RJ45, supporting 100 / 1,000 / 2,500 Mbit/s data transfer

Graphics:
HDMI 2.0b and DisplayPort 1.4

Operating temperature:
0 -50°C

Model name:
BMCS Master PC V1.0

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