SC-100-P

Smart AVIoT Controller

Redefining device control, gathering intelligence within reach



Product Features

- **Custom module control:** quickly create control modules through the Web, enabling one-page control of all devices and power sources. Real-time management via computer or tablet enhances control convenience, ensuring efficient environmental mastery.
- **Time-saving scheduling:** connect to BXB AVoverIP Controller to set scenarios, select calendars, and schedule device operations. Simplify daily execution, making environmental control smoother. This also saves more setup time.
- **Screen layout control:** connect to BXB AVoIP Controller to zoom in or scale specific areas of the projection screen, focusing on essential content. With easy drag-n-drop, you can easily switch image sources and change screen layouts depending on the scenario.
- **Ultimate matrix display presentation:** connect to distributed matrix devices to quickly switch screens of video wall, set display direction according to the situation. Enhance the visual impact vividly and remarkably.
- **Real-time video control:** connects seamlessly with the video tracking controller, enabling instant control of PTZ camera tracking, automatically switching back to panoramic or specific views based on the scenario, ensuring efficiency during meetings.
- **Live-streaming & image recording:** connect to the streaming media processor, allowing live-streaming, recording, layout switch, and screen arrangement through SC-100 UI, enhancing the presentation and digital recording for more comprehensive experience.

- **Multi-zone sound playback:** connect to the digital matrix mixer , enabling the adjustment of audio settings and the ability to save sound scenarios with previously configured setups.
- **Seamless power management:** connect to the power sequencing controller to execute scheduled/real-time power control.
- **Dual network communication design:** ensure high security and stability between connected devices, providing a worry-free control experience.
- **PoE Power Supply Design:** The SC-100-P can be powered by connecting to a PoE network switch, which provides the necessary operating power.

System Diagram



Product Specifications

Hardware Specifications

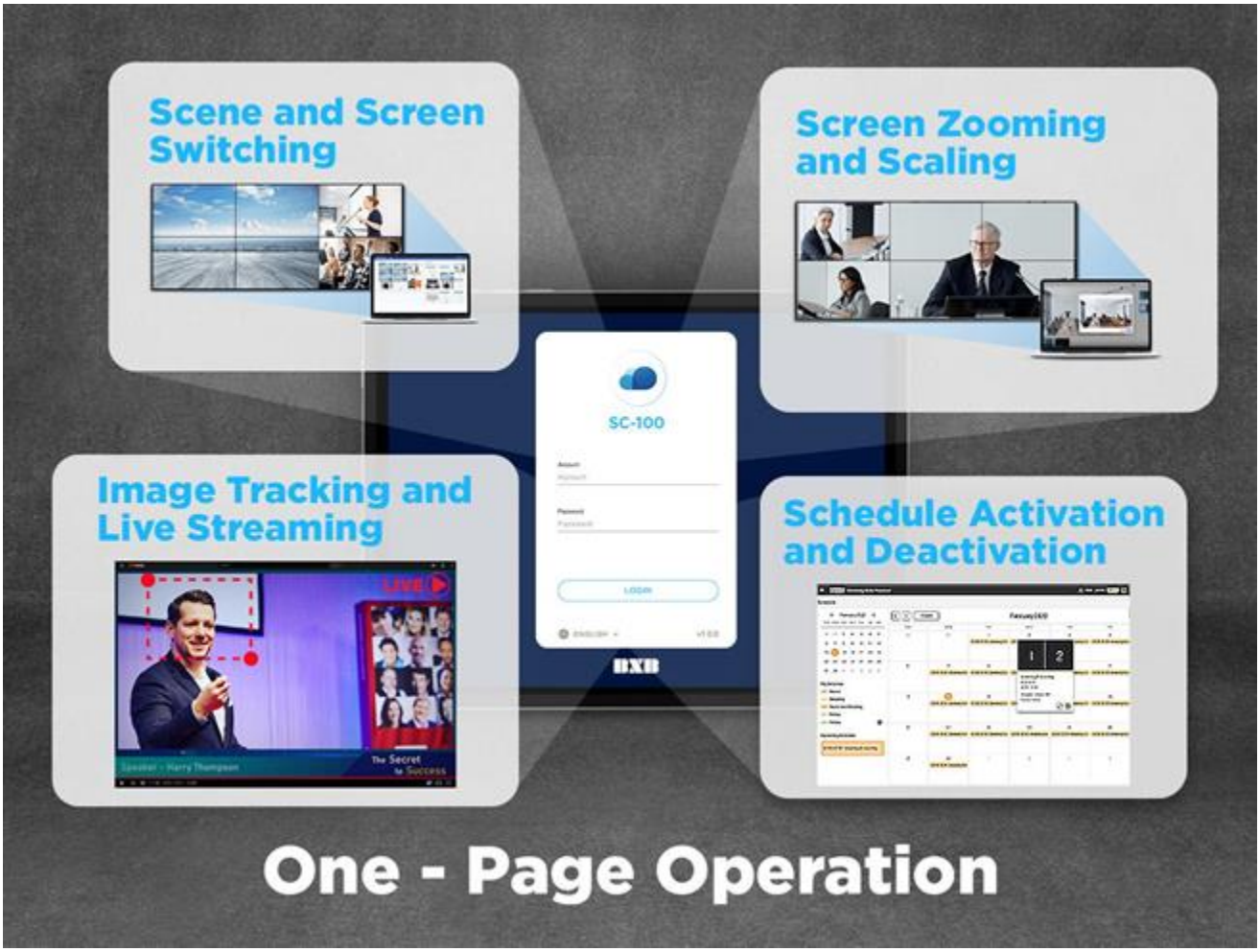
System LAN Port (with POE)	RJ45 TCP/IP x 1
External LAN Port	RJ45 TCP/IP x 1
Audio Source Signal (Backup)	Euro Terminal 3P x 1
RS-485 Communication (Backup)	Euro Terminal 3P x 1
RS-232 Communication	Euro Terminal 3P x 1
N.O. Trigger Interface (Backup)	Euro Terminal 2P x 2
Status Indicators	LED Lights x 2

Physical Dimensions

Dimensions	26*215*105 mm (with ear brackets)
(H x W x D)	26*237*105 mm (without ear brackets)
Weight	0.53 kg (without transformer)

Power Supply

External Power Supply	DC 5V-2A MAX
Voltage / Frequency	110/220V
Total Power	10W
Standard Transformer Weight	0.1KG



Seamless Experience with One-Page Control

Achieve real-time management of all devices and power through computer or tablet. Easily scale or zoom in on specific areas of the projection screen to focus on the core of the meeting. Simple drag-and-drop to switch image sources to create a diverse visual experience. Instantly control PTZ cameras for image tracking. Execute live-streaming, recording, and layout switcg with high efficiency. Pre-schedule the activation or deactivation of all devices and power sources for more convenient environmental control.

SC-100 Smart AVIoT Controller seamlessly integrates technology into everyday life, creating a smart and efficient environmental control experience.

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