CMP-CTRL2

Camera Control Keyboard

7" Touchscreen 4D Joystick

AI Control Knob 4-way HD Preview HDMI 4K Output PoE+ Power Supply

Designed for broadcasting, enterprise conferences, smart education, and telemedicine. With a high-performance processor and 7-inch HD touchscreen, the CMP-CTRL2 offers real-time 4-channel video preview and precise 1-to-1 control, along with unified management of 254 devices, AI visual control, and real-time Tally feedback — simplifying operations and ensuring efficient, precise, and reliable production.



Features

HD Touchscreen with Visual Operation

Equipped with a 7-inch high-definition touchscreen, supporting one main view plus three sub-views displayed simultaneously. This enables easy multi-camera coordination, ensuring no key moment is missed. Ideal for live broadcast, conferences, or event scheduling with clear visual control.

Unified Control of up to 254 Devices

Capable of managing up to 254 cameras simultaneously, with group and category storage management. Enables unified scheduling and collaborative shooting across multiple scenes, saving setup time and labor costs.

AI Function – Intuitive Visual Control

Features an innovative visualized AI control knob. Without complex menu navigation, users can quickly activate AI functions such as participant framing and speaker tracking. The interface is intuitive and efficient, even for beginners.

Trajectory Recording & Accurate Playback Built-in motion path recording and playback allows recording of complex camera movements and one-click reproduction. Reduces repetitive setup time, standardizes operations, and improves workflow efficiency.

Integrated Tally Light with Real-Time Status Feedback

The built-in Tally light protocol provides real-time feedback of camera status (live, standby, or switching) on the keyboard with color indicators, preventing mis-switching or on-air mistakes for smooth operation.

Multi-Protocol Compatibility & Flexible Installation

Supports mainstream control protocols such as NDI® (optional), VISCA, VISCA-IP, Pelco P&D, and ONVIF. Compatible with most PTZ cameras on the market, enabling efficient cross-platform integration.

Comprehensive Interfaces for All Scenarios

Equipped with LAN, RS422/485, USB-C, HDMI 2.0, RS232, and Tally (DB26) ports, allowing easy connection to switchers, recorders, monitors, and peripherals. Supports the full chain of signal transmission, data exchange, and status feedback. PoE+ power supply simplifies deployment.

Product Specification

Control Interface

Display	7-inch touchscreen, 1024×600p
AI Control Knob	Quick access to AI functions with visual feedback
Control Knobs	Quick control of iris, shutter, gain, AE, and WB
4D Joystick	Pan / Tilt / Zoom / Confirm
Camera Groups	16 groups (16 per group)
Max Cameras	Up to 254 cameras
Presets	Up to 255 presets

Interface & Protocols

Interfaces	Network (RJ45/PoE+), RS485/ RS422, USB-C, HDMI 2.0
IP Protocols	ONVIF, VISCA-IP, NDI®,HX3
Serial Protocols	PELCO-D, PELCO-P, VISCA
Baud Rate	2400–115200 bps
LAN Standard	1 × 1000M (PoE/PoE+)

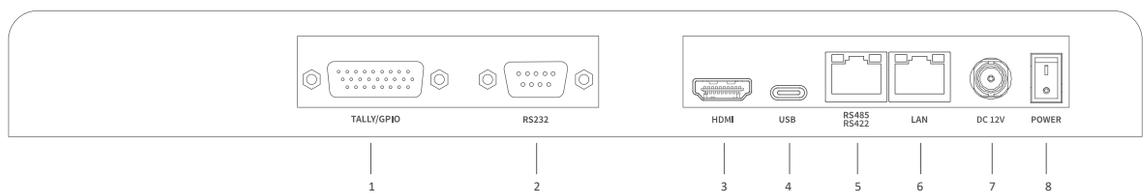
General Specifications

Power Supply	DC 12V-2A±10%, 5.5/2.1 connector
Power Consumption	<15W
ting Temperature	-10° C ~ 50° C / 14° F ~ 122° F
e Temperature	-40° C ~ 60° C / -40° F ~ 140° F





Interface Diagram



1 —— TALLY/GPIO
2 —— RS232
3 —— HDMI
4 —— USB
5 —— RS485/RS422
6 —— LAN
7 —— DC12V
8 —— POWER