

HDH-WPCO6R

Programmable Control Panel

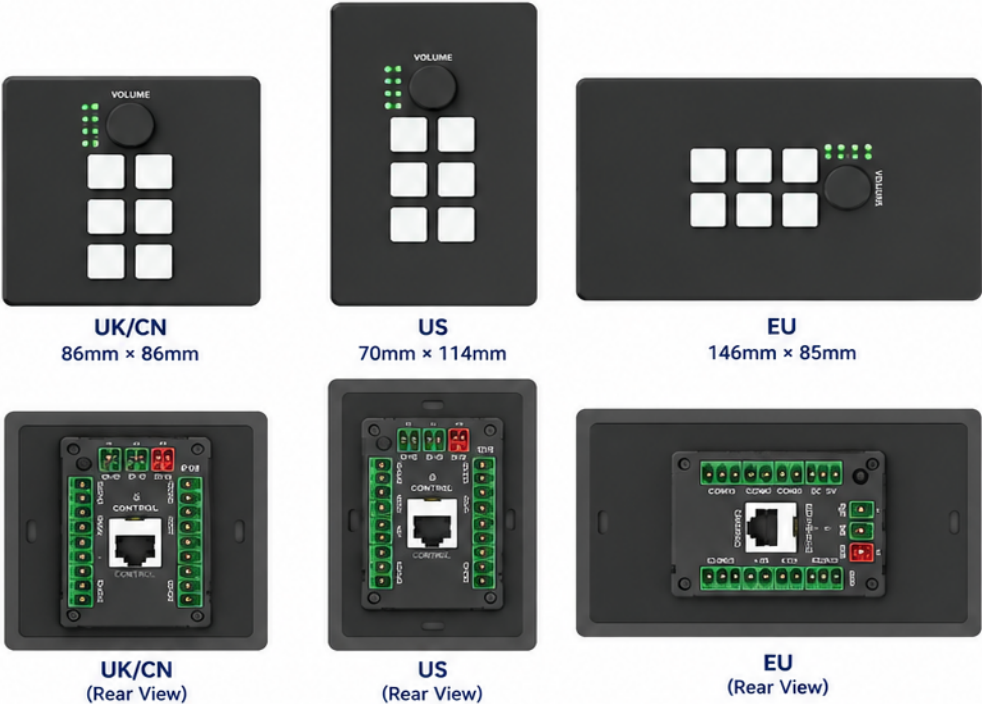
Smart Control for Modern Spaces

UK/CN

US

EU

THREE FORM FACTORS. ONE POWERFUL SOLUTION.



Technical Specifications

CPU	ARM Cortex-A7 1.2GHz
Operation System	Linux
RAM	256MB
Flash Memory	256MB
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection Interfaces

COM 1/2/3/4	4 × 3-pin phoenix connector (RS232)
RS485	1 × 3-pin phoenix connector (RS485)
RELAY	2 × 2-pin phoenix connector (isolated low-voltage)
IR OUTPUT	2 × 2-pin phoenix connector
I/O	2 × 2-pin phoenix connector
CONTROL	1 × 10M/100M Ethernet port (PoE)
DC 5V	1 × 2-pin phoenix connector (power supply)
USB	1 × USB Type-C (system debug)

Mechanical Specifications

Housing	Front Panel — Aluminium alloy; Rear Case — Metal enclosure
Color	Front Panel — Black/White (optional); Rear Case — Black
Dimensions (W × H × D)	EU: 146 × 85 × 38.5 mm US: 70 × 114 × 38.5 mm UK/CN: 86 × 86 × 38.5 mm
Weight	EU: 287 g; US: 227 g; UK/CN: 218 g
Power Supply	DC 5V/1A or PoE
Power Consumption	1.5 W

Environmental Specifications

Operation Temperature	0°C – 40°C / 32°F – 104°F
Storage Temperature	-20°C – 60°C / -4°F – 140°F
Operation Humidity	20% – 80% (non-condensing)
Storage Humidity	10% – 90% (non-condensing)

Key Features



ARM Cortex-A7 1.2GHz
Linux system (256MB RAM, 256MB ROM)



6 programmable buttons & 1 programmable knob
With light indicators and real-time feedback



4 × RS232 ports
Configurable baud rate



1 × RS485 port
Configurable baud rate



2 × isolated relay ports
Low-voltage, dry contact



2 × I/O ports
Configurable input/output mode



2 × IR output ports
20kHz – 60kHz wideband output



1 × 100Mbps network port
Supports TCP/IP, UDP, HTTP, Websocket

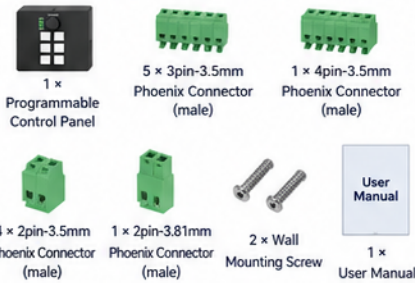


Dual power supply mode
PoE or DC 5V/1A



Compatible with UK/CN 86 box, US 1-Gang, EU 2-Gang
Magnetic aluminium panel design

Package Contents



Smart Office



Conference Room



Training Center



Exhibition Venue

One Panel.
Infinite Possibilities.