

DATA SHEET

IMPERA UNIFORM

8-BUTTON E-INK CONTROL PAD WITH ETHERNET PORT

The Impera Uniform control pad is a compact, highly customizable wall-mounted AV control pad. It provides a simple and intuitive interface for presentation spaces, learning environments, and conference rooms, regardless of the type of equipment installed. With its built-in controller and software configurable e-ink display, the Uniform can be quickly programmed and customized within Project Designer as the needs of the room change over time, making the Uniform a very flexible and cost-effective room control solution.



FEATURES

- Supports up to 8 software-configurable buttons
- 2.7-inch high contrast e-ink display
- Includes on-board controller; no external processor required
- 1 bidirectional RS-232/IR port for third party control with feedback
- 2 unidirectional RS-232/IR ports for third party control
- 3 GPIO ports
- Supports email notifications for lamp/filter hours and warnings
- Mini USB connection for system configuration and maintenance
- Expansion Bus supports up to 8 additional devices (keypads and port expanders)
- PoE powered (IEEE 802.3at Class 1, 4W) for simple, single CAT5e/CAT6 cable installation
- Covered by a five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The Impera Uniform control pad includes 8 mechanical buttons for initiating functions. Each mechanical button has a corresponding software configurable, multicolor LED. The control pad includes a high contrast e-ink display for function identification and labeling. The control pad utilizes an Ethernet network via an RJ-45 connector for software configuration and control. The control pad includes 1 bidirectional RS-232/IR port for controlling third party devices with feedback functionality; 2 unidirectional RS-232/IR ports for controlling third party devices; and 3 General Purpose Input and Output (GPIO) connections for sending or receiving logic signals; and LAN control for 2 third-party and 8 Biamp devices. The controller's connections and operations are externally configurable. The control pad includes 1 USB mini port for local system configuration and maintenance. The control pad is made from white PVC/ABS material with UV protection additive. The control pad is powered by PoE (IEEE 802.3at Class 1, 4W). The control pad is CE marked and is compliant with the RoHS directive. The Impera Uniform is covered by a five-year warranty.

IMPERA UNIFORM SPECIFICATIONS

Display			Ethernet	
Display Type:	High-contrast 2.7" e-ink display		Port Speed:	10/100 Mbps
Resolution:	264 x 172 pixels		Autosense:	Yes
Color:	Black/white		Number of third-party devices supported:	2
Control			Number of Biamp devices supported:	8
Button Quantity:	8		Power:	PoE (IEEE 802.3at Class 1, 4W)
Button Type:	Mechanical		Power Consumption:	< 4W Max
LED Indicators:	7 colors		Included Accessories:	In-wall mounting bracket Mounting screws and wall plugs
RS-232 / IR			Overall Dimensions	
Number of Ports:	1 (bidirectional) 2 (unidirectional)		Height:	3.7 inches (94 mm)
Baud Rate:	1200 – 115200 bit/sec		Width:	3 inches (76 mm)
Data Bits:	7, 8		Depth:	0.6 inches (15 mm)
Parity:	Even, Odd, None		Weight:	0.2 lbs (84 g)
Stop Bits:	1, 2		Environmental	
IR Frequency Range:	381 Hz to 200 kHz		Ambient Operating Temperature Range:	32 - 104° F (0 - 40° C)
GPIO			Humidity:	10-90% relative humidity (non-condensing)
I/O Quantity:	3		Altitude:	0-6,600 ft (0-2000m) MSL
Sense Low:	< 1 VDC		Compliance	
Sense High:	> 4 VDC			CE Marked (Europe)
Output Type:	Open drain			RoHS Directive (Europe)
Max Voltage:	24 VDC			
Max Current:	0.5 A			

Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

OPTIONAL ACCESSORIES



KP-U8-RP

US/UK wall adaptor plate



KP-U8-WB

Angled wall mount

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