RC-306

6−button PoE and I/O Control Keypad (EU, UK, US)

| Ethernet - RJ-45

RC−306 is a compact 6−button control keypad that fits US, European and UK standard 1−gang wall junction boxes. Easy to deploy with a single LAN cable carrying both power (PoE) and communication, it fits decoratively within a room design. It is perfectly suited for use as a user interface keypad within a Kramer Control system. Using K−Config, tap into the rich, built−in I/O interfaces that enable this keypad to be used as a flexible, standalone room controller. In this way, it is ideal for classroom and meeting room control, providing end−user convenient control of complex multimedia systems and other room facilities such as screens, lighting and shades.

Multiple keypads can be linked together side−by−side or at a distance, via a single K−NET™ cable carrying both power and communication, providing uniform design and user experience

FEATURES

Clear and Customizable User Interface - RGB–color, tactile feedback, backlit buttons with custom labeled, removable button caps, allowing simple and intuitive end−user and guest control over facility deployed devices and systems

Flexible Room Control - Control any room device via LAN connections, multiple RS−232 and RS−485 serial ports, and various IR, relay and general purpose I/O built−in device ports. Connect the keypad to an IP network with additional control gateways interfacing with remote controlled devices, for extending control across large space facilities

Expandable Control System - According to arising demands, easily expands to be part of a larger control system, or coupled−operation with auxiliary keypads, via either LAN or K–NET™ single cable connection delivering both power and communication

Simple Control Programming - Using K–Config software. Leverage the power of Kramer's highly customizable, flexible and user−friendly software, to easily program complex control scenarios of Pro−AV, Lighting, and other room and facility controlled devices

Remote Network Management - Managed by Kramer Network and its built−in web user interface, providing remote configuration, control operations, and troubleshooting. Managed from either a central site support center or portable personal device, conveniently enabling fast end−user support, anytime from any location

Easy and Cost−effective Installation - Compactly fits into standard US, EU and UK 1−gang in–wall box size, allows decorative integration with room deployed user interfaces such as electrical switches. Keypad installation is fast and cost−effective via a single LAN cable providing both power (PoE) and communication connections

TECHNICAL SPECIFICATIONS

1 IR Sensor:	For IR learning
2 IR:	On 2-pin terminal block connectors
2 Relays:	On 2-pin terminal block connectors (30VDC, 1A)
1 Ethernet:	On an RJ-45 female connector for PoE, device configuration, control and firmware upgrade
2 RS-232:	On 3-pin terminal block connectors
1 RS-485:	On a 3-pin terminal block connector
1 K-NET:	On a 4-pin terminal block connector
1 GPI/O:	On a 2-pin terminal block connector
1 Mini USB:	On a female mini USB-B connector for configuration and firmware upgrade
DEFAULT IP SETTINGS:	DHCP Enabled
Source:	PoE or 12V DC 2A power supply
Consumption:	12V DC, 780mA
Operating Temperature:	0° to +40°C (32° to 104°F)
Storage Temperature:	−40° to +70°C (−40° to 158°F)
Humidity:	10% to 90%, RHL non-condensing
Safety:	CE, UL
Environmental:	RoHs, WEEE
Size:	1 Gang wall plate
Cooling:	Convection ventilation
Included:	12V DC power adapter, special tweezers for removing button caps, standard button label set
Optional	Extended button label set

CONFIGURATIONS

RC-306/US-D(W)	US–D–size 6–button Control Keypad, with White 1–gang DECORA® Design Frame
RC-306/US-D(B)	US–D–size 6–button Control Keypad, with Black 1–gang DECORA® Design Frame