



3.5" In-Wall Touchpanel Keypad

KX3

SKU: 65948 UPC: 810065000000

The KX3 is a unique hybrid device that combines the capabilities of an in-wall touchpanel and an advanced control processor. The result is an enhanced automation solution that delivers control simplicity and tremendous power in one cost-effective unit. Featuring a 3.5" high-resolution color touchscreen two-way feedback and video intercom capabilities the KX3 performs beautifully in residential settings. The innovative touchpanel also shines in commercial applications such as classrooms and conference rooms where the built-in control processor and room status LED's offer additional flexibility. With a sleek refined design and amazing feature set "under the hood" users will never know how much power is at their fingertips.

NOTE: KX3 control processor capability is now available with the latest software and firmware updates.

Integration Designer software only available to authorized RTI dealers.

Features

- Fully programmable 3.5" touchscreen display with WVGA resolution (480w x 800h) TFT LCD to display custom buttons text and graphics.
- Five hard buttons for convenient control. (Hard buttons may be custom engraved using Laser Shark service)
- Built-in control processor provides advanced capabilities including direct control of devices via IR IP and RS-232 six voltage sense ports with sense-event capabilities four relays for control via contact closure and an astronomical clock for time-based events.
- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet for viewing video from network security cameras enhanced two-way feedback and remote programming updates.
- Built-in camera microphone and speakers enable video intercom capability.
- Proximity sensor automatically wakes the unit up when approached by the user and an ambient light sensor adjusts the brightness.
- Integrated mounting wings for easy installation in retrofit installs. Backbox also available (sold separately)
- Ships with stylish low-profile white bezel. Bezels also available in black and brushed aluminum (sold separately).
- Faceplate and buttons are black with a glossy finish.
- Optional modules/processors for voltage sensing relays and advanced two-way control.
- USB and Ethernet programming.
- All Specifications subject to change without notice.

Power	+9VDC to +16VDC, 1A max
Power Management	Adjustable backlight brightness, Ambient light sensor, Proximity sensor
Touchscreen Display	High-brightness color TFT LCD WVGA (480x800 pixels) with 16.7M colors Integrated high-resolution resistive touchscreen
Display Size	3.5 In (89mm) diagonal
Display Backlight	LED Backlit, 200nit
Infrared Output	Through control port, 200mA output* Drives up to 1000 ft (300 m) of wire
Serial Port	RJ-45, RS-232 communication*

Ethernet Port	10/100 Base-T with Power-over-Ethernet
Wireless Ethernet	802.11b/g/n
Relays	Four, 3 Amps @ 30 VDC*
Sense Inputs	Six, 3-24VDC*
Radio Frequency Control Range	Up to 100 feet (30.5 meters)* Communication with optional wireless Interfaces*
Radio Frequency Carrier	802.15.4 @ 2.4GHz (Zigbee® Wireless Network Ing)*
Camera	Color CMOS VGA (640x480)*
Microphone	Silicon MEMS
Speaker	One (1) 2 Watt, 8 Ohm
Flash Memory	128MB Bytes Flash (non-volatile) memory
RAM Memory	256MB
Device Capability	Total number of devices is limited only by memory
Macro Capability	Unlimited steps In a s Ingle macro Total number of macros is limited only by memory Macro capability on every button
Communications	USB programming port
Enclosure	High-impact molded ABS plastic
Operating Temperature	+32°F to +122°F (0°C to +50°C)
Operating Humidity	5 Non-condensing
Mounting	Integrated mounting wings, or screws through front plate
Bezel Dimensions (W x H)	4.352 In (110.5mm) x 5.876 In (149.25mm)
Installation Cut-Out (W x H)	2.942 In (74.7mm) x 5.192 In (131.8mm)
Total Depth In Wall	1.265 In (32.1mm), with mounting wings 1.624 In(41.2mm) NOTE: Additional room may be required depending on connections
Weight	8.9oz (252g)
Warranty	One Year (Parts & Labor)