



Bezel Options (sold separately)



KX3 - 3.5" In-Wall Touchpanel with Control Processor

The KX3 is not just a pretty interface - it 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 and two-way feedback, 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 offers 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.

Key Features

- Vivid 3.5" WVGA (480x800) color LCD touchscreen, and five hard buttons provide an incredibly simple and intuitive control experience.
- Built-in control processor features advanced capabilities including support for two-way drivers, RTiPanel App and primary/secondary configurations.
- Control processor also enables direct control of devices via IR, IP and two 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.
- Built-in 2.4GHz ZigBee® RF transceiver module and antenna enables wireless remote control support.
- Integrated 10/100 Base-T Ethernet (with PoE) and 802.11 wireless Ethernet for access to network security cameras, programming updates and more.
- Proximity sensor wakes up the unit as a user approaches and an ambient light sensor adjusts the touchpanel's backlighting.
- Powered using power supply, CB8 connecting block or PoE (Power over Ethernet).
- Stylish low-profile faceplate available in white, black or brushed aluminum (ships with white).

Included in the Box

KX3, bezel (white), RJ45 to DB9 serial adaptor (2), mounting wings (2), drywall template, screws (4)

Specifications

Power+12VDC to +16VDC, 1A max
 Power ManagementAdjustable backlight
brightness/proximity sensor
 Touchscreen Display..... High-brightness color TFT LCD
WVGA (480x800 pixels) with 16.7M colors
 Integrated high-resolution touchscreen
 Display Size..... 3.5 in (89 mm) diagonal
 Display Backlight LED Backlit, 310 nit
 Button Backlight Blue LEDs, Red/Green LED (Room Status)
 Infrared Output One, through control port, 200mA output
 Drives up to 1000 ft (300 m) of wire
 Serial PortTwo, RJ-45, RS-232 communication
 Ethernet Port..... RJ-45, 10/100 Base-T with Power-over-Ethernet
 Wireless Networking..... WiFi 802.11b/g/n &
 Zigbee© IEEE802.15.4
 Relays Four, 3 Amps @ 30 VDC
 Sense Inputs.....Six, 3-24VDC
 RF Control Range..... Up to 100 feet (30.5 meters)
 Communication with optional
wireless Interfaces
 RF Carrier..... 802.15.4 @ 2.4GHz
 Zigbee® Wireless Networking
 Camera..... Color CMOS VGA (640x480)
 Microphone..... Silicon MEMS
 Speaker One (1) 2 Watt, 8 Ohm

Communications USB programming port
 System Memory.....128M Bytes Flash (non-volatile) memory
 Device Capability Total number of devices
 is limited only by memory
 Macro Capability..... Unlimited steps in a single macro
 Total number of macros is limited only by
 memory. Macro capability on every button
 Operating Temperature +32°F to +122°F (0°C to +50°C)
 Operating Humidity 5% to 95% Non-condensing
 Enclosure High-impact molded ABS plastic
 Front Plate High-impact molded ABS plastic
 Mounting Integrated mounting wings,
 or screws through front plate
 Installation Cut-Out (W x H)2.942 in x 5.192 in
 74.7 mm x 131.8 mm
 Outer Bezel Dimension (W x H).....4.352 in x 5.876 in
 110.5 mm x 149.25 mm
 Total Depth in Wall 1.265in (32.1mm)
with mounting wings 1.624in (41.2mm)
NOTE: Additional room may be
 necessary depending on connections used
 Weight.....8.9 oz (252 g)
 Warranty Three Years (Parts & Labor)
 All Specifications subject to change without notice.

Features

| | | | | |
|---------|--------------|--------------------|-------------|-----------|
| IN WALL | 3.5" 480x800 | 5 BUTTONS | 2-WAY | ETHERNET |
| PoE | WIFI 2.4 GHZ | zigbee | RS 232 | INFRA RED |
| RELAY | SENSE INPUT | ASTRONOMICAL CLOCK | LASER SHARK | |

