



KX10

10 inch In-Wall Touchpanel

With a commanding presence and sophisticated styling, the KX10 delivers state-of-the-art automation to residential and commercial settings. The high resolution 10" display, programmable to the finest detail, provides ample screen real estate to create the ultimate custom user interface. Combining luxury and convenience, the KX10 is equipped with an HDBaseT video input for viewing high definition video directly on the widescreen display. Ethernet connectivity makes it easy to check security cameras and answer the door via the built-in intercom. Direct control over electronics is possible via the integrated IR and RS-232 ports, or incorporate the KX10 into the RTI ecosystem, where anything is possible with a simple touch.

Additional Bezel Options



Black Bezel



Brushed Aluminum Bezel

Key Features

- A 10.1" widescreen LCD with 1280x800 (WXGA) resolution and integrated capacitive touchscreen.
- Displays HD video via the integrated HDBaseT video input.
- View analog video sources such as security cameras via the composite video input.
- Direct control of devices via built-in infrared and RS-232.
- A proximity sensor automatically wakes the unit as a user approaches.
- An ambient light sensor automatically adjusts the backlighting.
- Integrated 10/100 Base-T (with PoE+) and 802.11b/g/n wireless Ethernet for viewing video from IP security cameras, enhanced two-way feedback and remote programming updates.
- Video intercom capability with built-in camera, microphone, and speakers.
- Powered by a separate power supply, an RTI CB8 connecting block or PoE+ (Power over Ethernet Plus).
- Stylish low-profile faceplate available in white, light almond, black or brushed aluminum (ships with white).

Specifications

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|------------------------------------|---|
| Power..... | +12VDC to +16VDC, 2A max |
| Power Management..... | Adjustable backlight brightness/proximity sensor |
| Touchscreen Display..... | High-brightness color TFT LCD |
| | WXGA (1280x800 pixels) with 65K colors |
| | Integrated high-resolution projected capacitive touchscreen |
| Display Size..... | 10.1in (256mm) diagonal |
| Display Backlight..... | LED Backlit, 305nit |
| Infrared Output..... | Through control port, 200mA output |
| | Drives up to 1000ft (300m) of wire |
| Serial Port..... | RJ-45, RS-232 communication (one-way) |
| Ethernet Port..... | RJ-45, 10/100 Base-T with Power-over-Ethernet Plus |
| Wireless Ethernet..... | 802.11b/g/n |
| Camera..... | Color CMOS VGA (640x480) |
| Microphone..... | Silicon MEMS |
| Speakers..... | Two (2), Stereo 2 Watt, 8 Ohm |
| Communications..... | USB programming port |
| Video Input..... | RJ-45, HDBaseT |
| | BNC Connector, Composite Analog Video |
| | NTSC/PAL/SECAM |
| Total System Memory..... | 128MBytes 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)..... | 10.204in (259.18mm) x 7.353in (186.77mm) |
| Outer Bezel Dimension (W x H)..... | 11.238in (285.45mm) x 7.92in (201.17mm) |
| Depth in Wall..... | 1.22in (30.99mm), with video connector 2.0in (52.5mm) |
| Weight..... | 2lbs 3.7oz (1014g) |
| Warranty..... | Three Years (Parts & Labor) |

All Specifications subject to change without notice.



Remote Technologies Incorporated

5775 12th Avenue East, Suite 180, Shakopee, MN 55379
 PH: (952) 253-3100 • Website: www.rticorp.com

RTI User Interfaces

| | |
|----------|---|
| RTiPanel | Mobile & PC Software Interface (App) |
| SURFiR | Companion Remote Control |
| T1-B+ | Remote Control |
| T2i | Remote Control |
| T2x | Remote Control |
| T3x | Remote Control |
| RKM-1+ | In-Wall Audio Distribution Keypad |
| RK1+ | 2-4-8 Button In-Wall Keypad |
| KX1 | 1.2" Audio Distribution Keypad |
| KX2 | 2.8" In-Wall Touchpanel Keypad |
| KX3 | 3.5" In-Wall Touchpanel Keypad |
| KX7 | 7" In-Wall Touchpanel |
| KX10 | 10" In-Wall Touchpanel |
| CX7 | 7" Countertop/Under-Cabinet Touchpanel |
| CX10 | 10" Countertop/Under-Cabinet Touchpanel |

RTI Control Accessories

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|-------------|-------------------------------|
| RP-4 | RF Control Processor |
| XP-3 | Advanced Control Processor |
| XP-6 | Advanced Control Processor |
| XP-8v | Advanced Control Processor |
| RM433 | 433MHz RF Antenna |
| ZM24 | 2.4GHz Zigbee Transceiver |
| ZW-9 | Z-Wave® Interface Module |
| CB-8 | Touchpanel Connecting Block |
| CM-232 | RS-232 Communication Module |
| CPB-1 | Control Port Connecting Block |
| ECB-5 | IR Connecting Block |
| ESC-2 | Ethernet to Serial Converter |
| IPE-4 | IR Port Expander |
| PCM-4 | Port Control Module |
| RCM-4 | Relay Control Module |
| vIRsa Mouse | IR Emitter |

RTI Audio/Video Distribution

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|---------|--|
| AD-4x | 4x4 Audio Distribution System |
| AD-8x | 8x8 Audio Distribution System |
| AD-16x | 16x16 Audio Distribution Matrix Switch |
| CP-450 | 4 Channel Cool Power® Amplifier |
| CP-1650 | 16 Channel Cool Power® Amplifier |
| VHD-4 | 4x4 HDBT Video Matix Switch |
| VHD-8 | 8x8 HDBT Video Matix Switch |
| VHT-1 | HDBT Video Transmitter |
| VHR-1 | HDBT Video Receiver |



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