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.

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).

Additional Bezel Options

Black Bezel

Brushed Aluminum Bezel

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Specifications

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 .... One Year (Parts & Labor)

All Specifications subject to change without notice.

RTI User Interfaces

RTiPanel	Mobile Software Interface (App)
Virtual Panel	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
KX1	1.2 Inch In-Wall Audio Dist. Keypad
RK1+	2-4-8 Button In-Wall Keypad
WK2	Water Resistant In-Wall Keypad
KX2	2.8 inch In-Wall Touchpanel Keypad
KX3	3.5 inch In-Wall Touchpanel Keypad
KX7	7 inch In-Wall Touchpanel
CX7	Countertop/Under-Cabinet Touchpanel

RTI Control Accessories

RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-4	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8s	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
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 Distribution

AD-4x	Distributed Audio System
AD-8x	Distributed Audio System
CP-450	4 Channel Amplifier
CP-1650	16 Channel Amplifier

RTI

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