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 C88 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

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 Backlight, 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-brightness color TFT LCD
Front Plate.....................................................Integrated high-resolution projected capacitive touchscreen
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)

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

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 Expander Module
PCM-4 Port Control Module
RCM-4 Relay Control Module
vIRsa Mouse IR Emitter

RTI Audio/Video Distribution

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 Matrix Switch
VHD-8 8x8 HDBT Video Matrix Switch
VHT-1 HDBT Video Transmitter
VHR-1 HDBT Video Receiver

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RTI Panel Mobile App

It's Under Control®