**Key Features**

- Stylish low-profile faceplate with magnetic attachment, seven colors and three styles available.
- Integrated mounting wings for easy installation.
- Full color TFT LCD to display custom buttons, text, graphics, animations, and video.
- Display composite or S-video either full screen or in an adjustable size window.
- Integrated 10/100Base-T Ethernet port.
- Adjustable backlight brightness.
- Light sensor for automatic backlight level.
- Stereo speakers for custom sound effects.
- Plasma friendly infrared receiver for command pass-through.
- IR output port drives up to 1,000 feet of wire.
- Two power status input ports.
- Completely customizable and programmable.
- Optional ‘Voltage’ and ‘Video’ sensing modules to monitor power status of equipment when used with certain RTI processors.
- Capable of two-way RS-232 control when used with certain RTI accessory devices.
- Non-volatile Flash memory stores your program even when power is lost.
- Field upgradable firmware.
- USB and Ethernet programming.

**Description**

The K4 is a color LCD touchpanel for flush-mount installations in walls or cabinets. It provides a self-contained control system for controlling audio/video components, lights, or other electronic systems in the home. It also displays composite video, motion JPEG, and web pages – either full screen or in an adjustable window.

The K4 has it all – it’s the first standalone touchpanel with infrared control, video monitoring, and Ethernet connectivity. With a TFT LCD, full VGA resolution, powerful 400MHz 32-bit MCU, 32MB of memory, stereo speakers, and an infrared receiver, the K4 takes touchpanel control to new heights.

The K4 can directly control almost any audio/video component or lighting system up to 1000 feet away using its infrared output port. In addition, the built-in Ethernet port allows the K4 to display video from the network security cameras, access the Internet, view and play songs stored on hard drive music servers, and control other devices on the network. A video card provides the ability to digitize composite or S-video for full screen or scalable viewing on any control page.

The K4 can be used as a standalone device or as a part of an expandable central control system. When used with the available RTI accessory devices, the K4 is capable of infrared routing, relay control, power sensing, and two-way RS-232 communications for advanced control.

Call 952-253-3100

www.rticorp.com
Specifications

Power: +9VDC to +16VDC, 1A max
Power Management: Adjustable backlight brightness/power down time
Touchscreen Display: High-brightness color TFT LCD
Display Size: 6.4 in (162mm) diagonal
Display Backlight: Dual CCFL, 300nt
Infrared Output Port: Drives up to 1000 ft (300 m) of wire
Ethernet Port: 10/100Base-T
Operating Temperature: +32°F to +122°F (0°C to +50°C)
Operating Humidity: 5% to 95% Non-condensing
Total System Memory: 32M Bytes Flash (non-volatile) memory
Device Capability: Total number of devices is limited only by memory
Macro Capability: Unlimited steps in a single macro
Communications: USB programming port
Video Input: 4 Composite or 2 S-Video BNC Connectors, NTSC/PAL/SECAM
Enclosure: Formed steel, black powder coating
Front Plate: High-impact molded ABS plastic
Mounting: Integrated mounting wings, or screws through front bezel
Installation Cut-Out (W x H): 8.25 in (210mm) x 5.5 in (140mm)
Total Depth in Wall: 2.25 in (57mm)
Weight: 2.6 lbs (1180g)
Warranty: One Year (Parts & Labor)

All specifications subject to change without notice

Contemporary Bezel Colors

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>BZW-K4-CO</td>
</tr>
<tr>
<td>Almond</td>
<td>BZA-K4-CO</td>
</tr>
<tr>
<td>Ivory</td>
<td>BZI-K4-CO</td>
</tr>
<tr>
<td>Silver</td>
<td>BZS-K4-CO</td>
</tr>
<tr>
<td>Black</td>
<td>BZB-K4-CO</td>
</tr>
</tbody>
</table>

Accessories

- PS16-1 Power Supply
- CB-8 Touchpanel Connecting Block
- PCB-K4 Pre-Construction Bracket
- BB-K4 Pre-Construction Conduit Box
- ZRP-5 Remote Control Processor
- ZRP-6 Remote Control Processor
- XP-8 Advanced Control Processor
- CPB-1 Control Port Connecting Block
- RCM-12 Relay Control Module
- ECB-5 IR Emitter Connecting Block
- vIRsa Mouse IR Emitter
- CM-232 RS-232 Communication Module
- VPS-1 Voltage Power Sensor
- SPS-1 Video Sync Power Sensor

Other RTI Products

- T1-B Universal System Controller
- M2 Universal System Controller
- T2-B Universal System Controller
- T2-Cs Universal System Controller
- T2-C Universal System Controller
- T3-V Universal System Controller
- T4 Universal System Controller
- U1 Weather Resistant Controller
- U2 Weather Resistant Controller
- RKM-1 In-Wall Multi-Room Audio Keypad
- RK1 In-Wall Keypad Controller
- RK2 In-Wall Touchscreen Controller
- RK3-V In-Wall Touchscreen Controller
- IR-PRO Infrared Capture System

Integration Designer® Programming Software

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