Wiring Instructions for the
iQ.TS35
Wall-Mounted Touchscreen

iQ.TS35 Wiring Instructions

Shielded Cat 5e Wire

<table>
<thead>
<tr>
<th>RJ45 Pin</th>
<th>Wire Color</th>
<th>Wire Diagram (T568B)</th>
<th>Signal Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>White/Orange</td>
<td>TX_D1+</td>
<td>TX_D1+</td>
</tr>
<tr>
<td>2</td>
<td>Orange</td>
<td>TX_D1-</td>
<td>TX_D1-</td>
</tr>
<tr>
<td>3</td>
<td>White/Green</td>
<td>RX_D2+</td>
<td>RX_D2+</td>
</tr>
<tr>
<td>4</td>
<td>Blue</td>
<td>BI_D3+ *</td>
<td>BI_D3+ *</td>
</tr>
<tr>
<td>5</td>
<td>White/Blue</td>
<td>BI_D3-</td>
<td>BI_D3-</td>
</tr>
<tr>
<td>6</td>
<td>Green</td>
<td>RX_D2-</td>
<td>RX_D2-</td>
</tr>
<tr>
<td>7</td>
<td>White/Brown</td>
<td>BI_D4+</td>
<td>BI_D4+</td>
</tr>
<tr>
<td>8</td>
<td>Brown</td>
<td>BI_D4- *</td>
<td>BI_D4- *</td>
</tr>
</tbody>
</table>

NOTE: The wires marked with a * are very important for the panel to receive power. A cabled wired using the 10Base-T standard (only 4 pins used) will NOT work.

The iQ.TS35 uses a single Shielded Cat 5e cable from the iQ.IMS to supply power, video, and control. This is not an Ethernet network. **Do not plug the iQ.TS35 or any of the 8 RJ45 jacks labeled iQ Touch Panels to an Ethernet network or any other Cat 5 device.** Do not use a cross-over cable, as this can cause serious damage to the iQ.TS35 and/or iQ.IMS.

Please use industry standard Shielded Cat 5e cable. If it is necessary to make your own cables, follow the TIA/EIA-568-B standards.

When the iQ.TS35 is properly connected to the iQ.IMS a green link LED will be lit on both the iQ.TS35 and iQ.IMS.

iQ.TS35 Calibration

To calibrate the iQ.TS35, remove the front plastic face plate held by magnets. Press the Calibrate button on the left side. Press white squares in sequence. Do not change R49, R48, or R42 from factory settings.
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Parts List

1 - iQ.TS35 3.5" LCD Touch Screen
1 - Plastic Wall Cover w/ Magnetic Mounts
6 - Mountable Plastic Buttons
2 - Flip Tabs
2 - Phillips Head Sheet Metal Screw
#6 thread, 1-1/2" long (for use with flip tabs)

Mounting Template

Notes:
- Wall Cut: 5" Width x 2 23/16" Height
- Alternatively, you can use a 3"x5" Index card as a guide.
- Tighten screws in the front to engage the flip tabs.
- Single Shielded Cat 5e cable directly to an open iQ Touch Panel port on the iQ.IMS.

Use 1-1/2" metal screws to mount touchscreen using flip tabs (included). When screws are tightened, tabs will turn, anchoring device into wall.