VIGILANT REAPER HD

SHIELDED CAT6 CABLE TERMINATION GUIDE
# SHIELDED CAT6 TERMINATION

When you need to terminate your cable, please follow these instructions for the specifications included below:

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>TOOLS</th>
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</thead>
<tbody>
<tr>
<td>Connectors: RJ45 Plugs</td>
<td>Wire cutter or box cutter</td>
</tr>
<tr>
<td>Rating: Cat6A</td>
<td>Cable stripping tool</td>
</tr>
<tr>
<td>Compatibility: 22-24 AWG stranded STP cable or Vigilant ReaperHD Camera Cable</td>
<td>Needle nose pliers</td>
</tr>
<tr>
<td></td>
<td>Crimp tool for shielded RJ45 plugs with a removable die</td>
</tr>
</tbody>
</table>

| CABLE PAIR COLORS | | |
|-------------------|---|---|---|---|
| White | Green | Orange | Blue | Brown |

Image: 568B Wiring Example

Destination TS688 8-Position jack pin/pair assignments

1 2 3 4 5 6 7 8
WO O W-G BL W-BL G W-BR BR

Termination Guide | Vigilant ReaperHD
STEP 1

• Prepare the cable (Image 1)
• Slide the strain relief boot onto the cable
• Secure with removable tape

STEP 2

• Trim the cable jacket back about 1.5” (Image 2)
• Unbraid stranded ground wires, coil together, and move to the side (Image 3)
• Cut the center spline (Image 4)
• Trim the foil and green paper shielding (Image 5)

STEP 3

• Orient the load bar to mate with the connector (Image 6)
• Insert narrow end first
• Ensure ridges are facing up

Image 1

Image 2

Image 3

Image 4

Image 5

Image 6
STEP 4

• Trim the wires at an angle and gently insert the wires into the wide end (Image 7)
• Trim the wires flush with the load bar (Image 8)
• Check that the cable jacket fits into the plug housing

STEP 5

• Insert the load bar and wires into the connector (Image 9)
• Wrap the ground wire around the grounding collar (Image 10)

STEP 6

• Use a crimp tool with a removeable punch die so the housing is not pierced (Image 11)
• Firmly crimp the connector (Images 12-13)
**STEP 7**

- Visually check that the wires are fully inserted (Images 14-15)

![Image 14](image14.jpg) ![Image 15](image15.jpg)

**STEP 8**

- Verify the ground collar is wrapped around the cable with pliers (Image 16)
- Pull the strain relief boot over the connector (Image 17)

![Image 16](image16.jpg) ![Image 17](image17.jpg)