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> [VCELINK RJ45 1-Port Surface Mount Box Instruction Manual](#)

VCELINK A166-1A-5P-CA

VCELINK RJ45 1-Port Surface Mount Box Instruction Manual

Model: A166-1A-5P-CA

1. PRODUCT OVERVIEW

The VCELINK RJ45 1-Port Surface Mount Box provides a flexible solution for installing network cables in various locations such as walls, desktops, or office furniture. This box is designed to house a single RJ45 keystone jack, offering a clean and dustproof network connection point. It is compatible with UTP 90/180 degree RJ45 keystone jacks and supports CAT6, CAT5E, and CAT5 network cables.

2. WHAT'S INCLUDED

Each package contains the following components:

- 5 x 1-Port Surface Mount Boxes
- 10 x Mounting Screws
- 10 x Cable Ties
- 5 x Double-Sided Adhesive Tapes

What will you get?

- 5× 1-Port Keystone Jack Surface Mount Box
- 10× Mounting screws
- 5× Double-stick tape
- 5× Cable ties

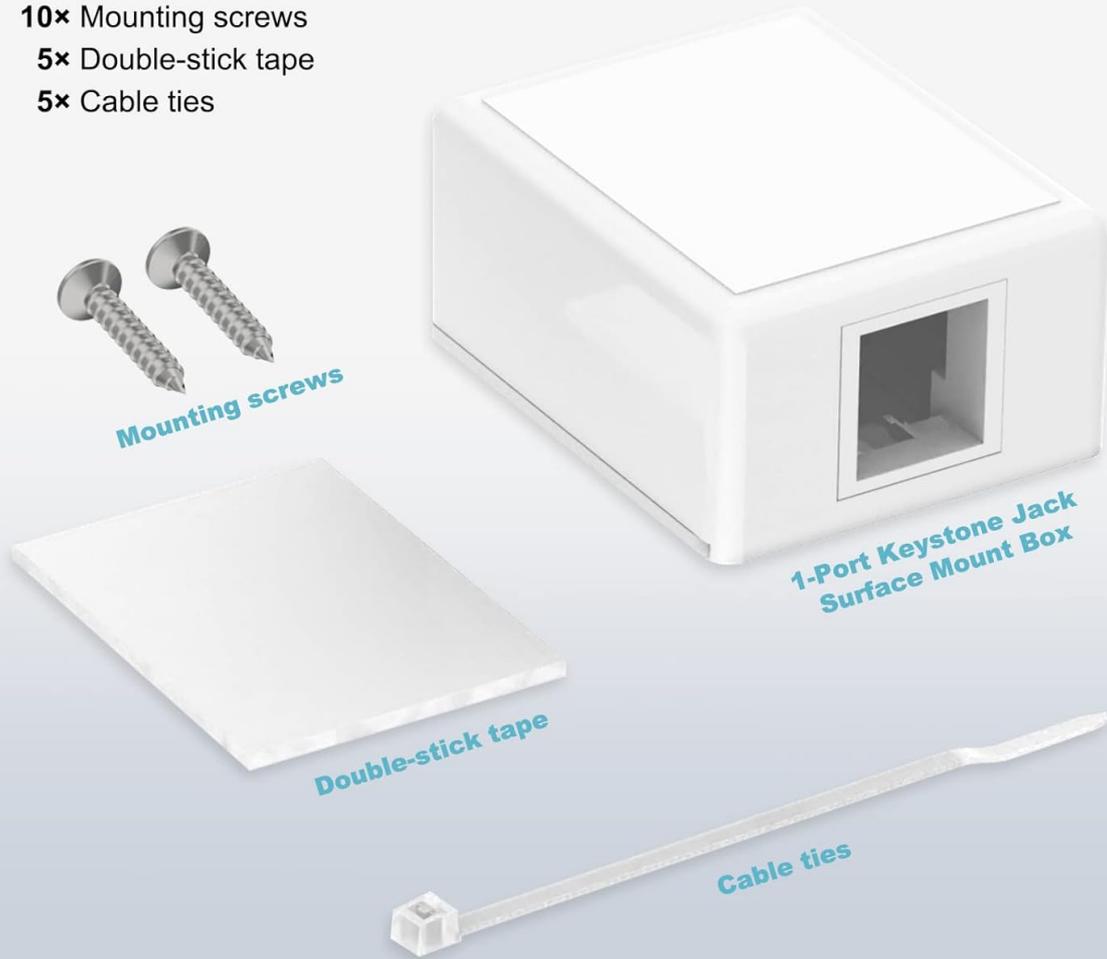


Image: Package contents including surface mount boxes, screws, tape, and cable ties.

Note: Keystone jacks are not included and must be purchased separately.

3. SPECIFICATIONS

Brand	VCELINK
Model Number	A166-1A-5P-CA
Connector Type	RJ45
Cable Type Compatibility	Ethernet (Cat6, Cat5e, Cat5)
Compatible Devices	Keystone Jack
Maximum Cable Outer Diameter	6.2 mm (0.24 inches)
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	White
Product Dimensions	2.21 x 1.81 x 1.07 inches

Unit Count

5 Pack

Modern Appearance Design

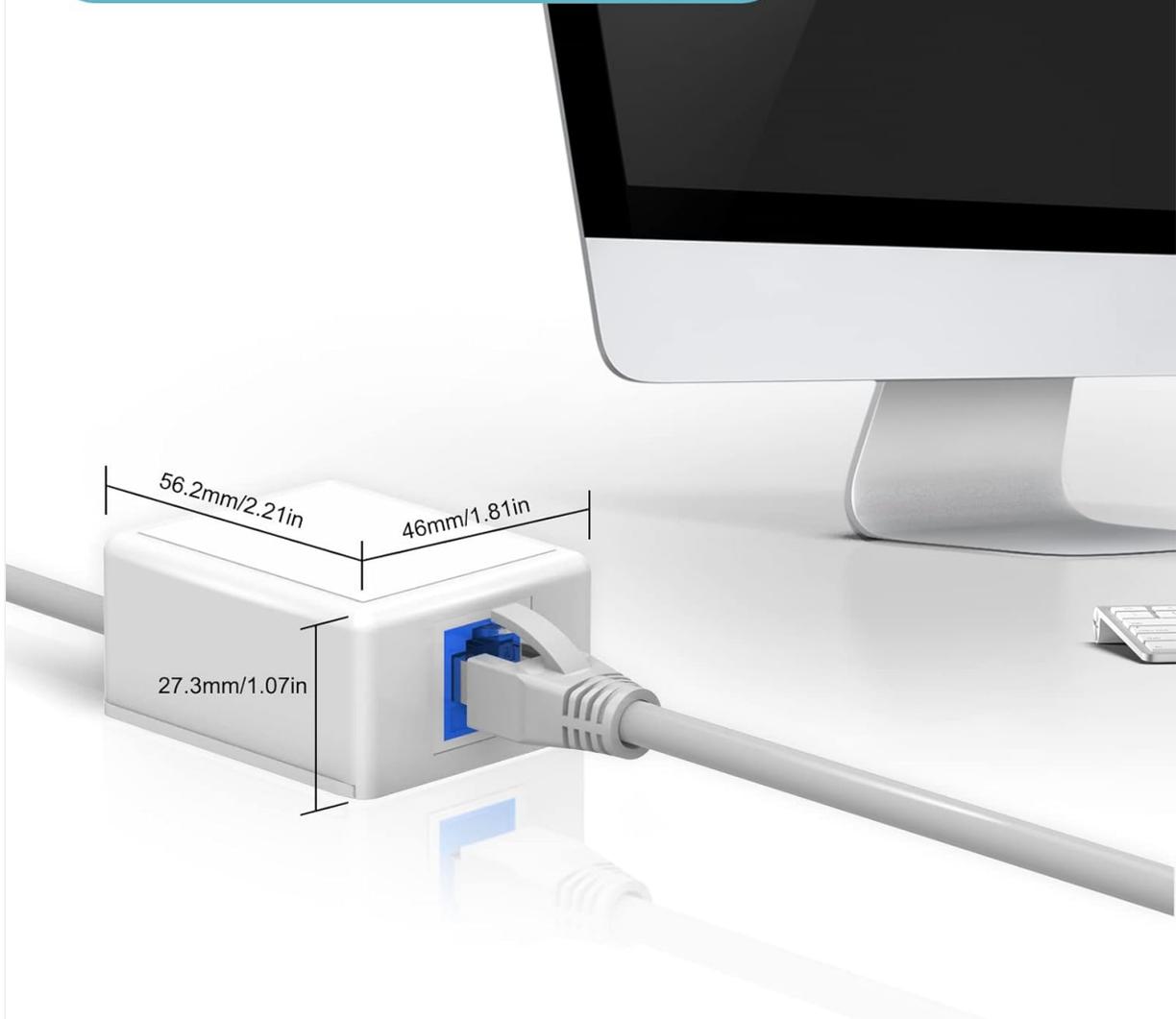


Image: Product dimensions.

**Made of high impact and
flame retardant ABS Plastic**



Image: Construction material (ABS plastic).

4. INSTALLATION GUIDE

This section provides step-by-step instructions for installing the VCELINK RJ45 1-Port Surface Mount Box. You can choose between screw mounting or using double-sided adhesive tape.

4.1 Video Tutorial

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Video: How to install the RJ45 keystone jack into the surface mount box.

4.2 Step-by-Step Instructions

1. **Prepare the Box:** Gently pry up the cap of the surface mount box using a flat-head screwdriver or similar tool to access the interior.
2. **Insert Keystone Jack:** Ensure the keystone jack is oriented correctly (usually with the 'UP' arrow or label facing upwards). Insert the keystone jack into the opening in the base of the surface mount box until it clicks securely into place. The keystone jack should be held firmly.

Upgrade or change the cable type easily
by snapping in a new keystone.

⚠️ Keystone jacks are not included, you need to buy them separately.

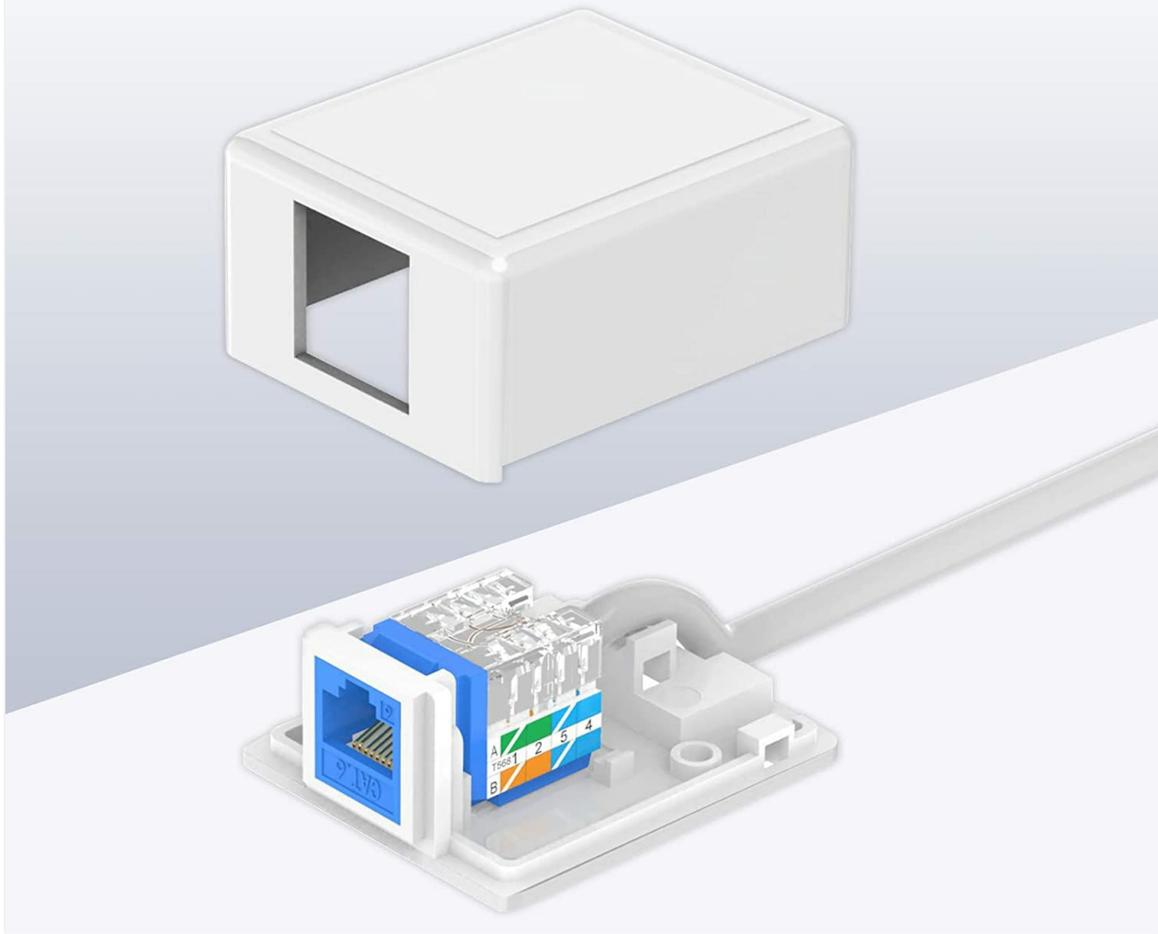


Image: Inserting the keystone jack into the box base.

- 3. Route the Cable:** If your network cable has a larger diameter, you may need to remove the pre-scored section at the rear of the box to accommodate it. The maximum cable outside diameter supported is 6.2 mm.

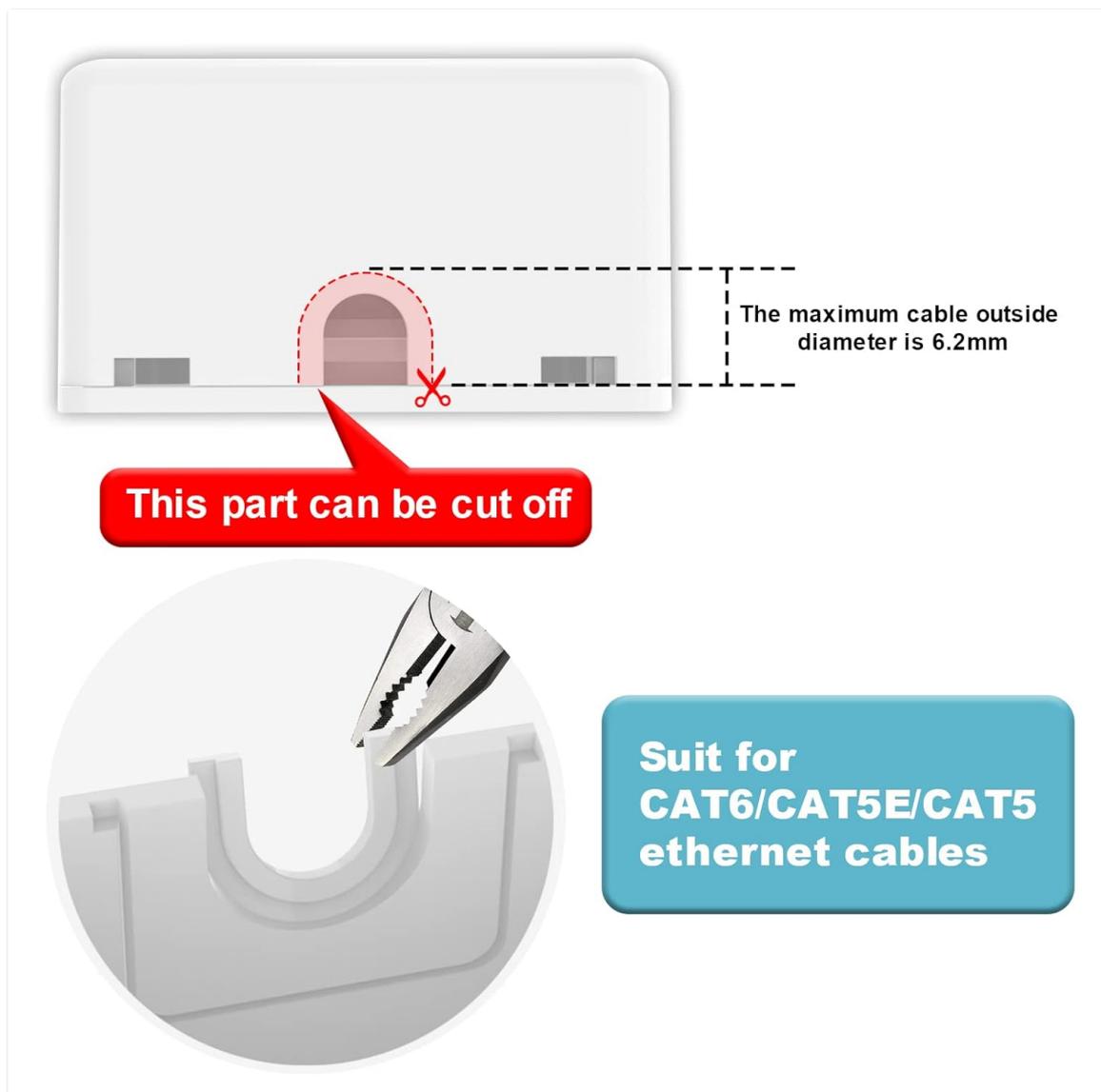


Image: Removing the cable exit section for thicker cables.

4. **Secure the Cable (Optional):** Use the provided cable tie to secure the network cable to the internal cable management post within the box. This helps prevent strain on the keystone jack connection.
5. **Mount the Box (Screws):** Position the box on your desired surface. Use the two provided mounting screws to securely fasten the box to the wall or surface.
6. **Mount the Box (Adhesive Tape):** Alternatively, peel the backing from the double-sided adhesive tape and apply it to the back of the surface mount box. Press the box firmly onto a clean, dry, and smooth surface for secure adhesion.
7. **Close the Cap:** Once the keystone jack is installed and the box is mounted, carefully align and snap the top cap back onto the base until it is fully closed.

5. OPERATING INSTRUCTIONS

After successful installation, the VCELINK RJ45 1-Port Surface Mount Box functions as a standard network port.

- **Connecting a Device:** Simply plug a standard RJ45 Ethernet cable from your network device (e.g., computer, printer, gaming console) into the keystone jack on the surface mount box.
- **Disconnecting a Device:** To disconnect, press the release tab on the RJ45 connector and gently pull the cable out of the keystone jack.

A clean and simple solution for home or office network expansion

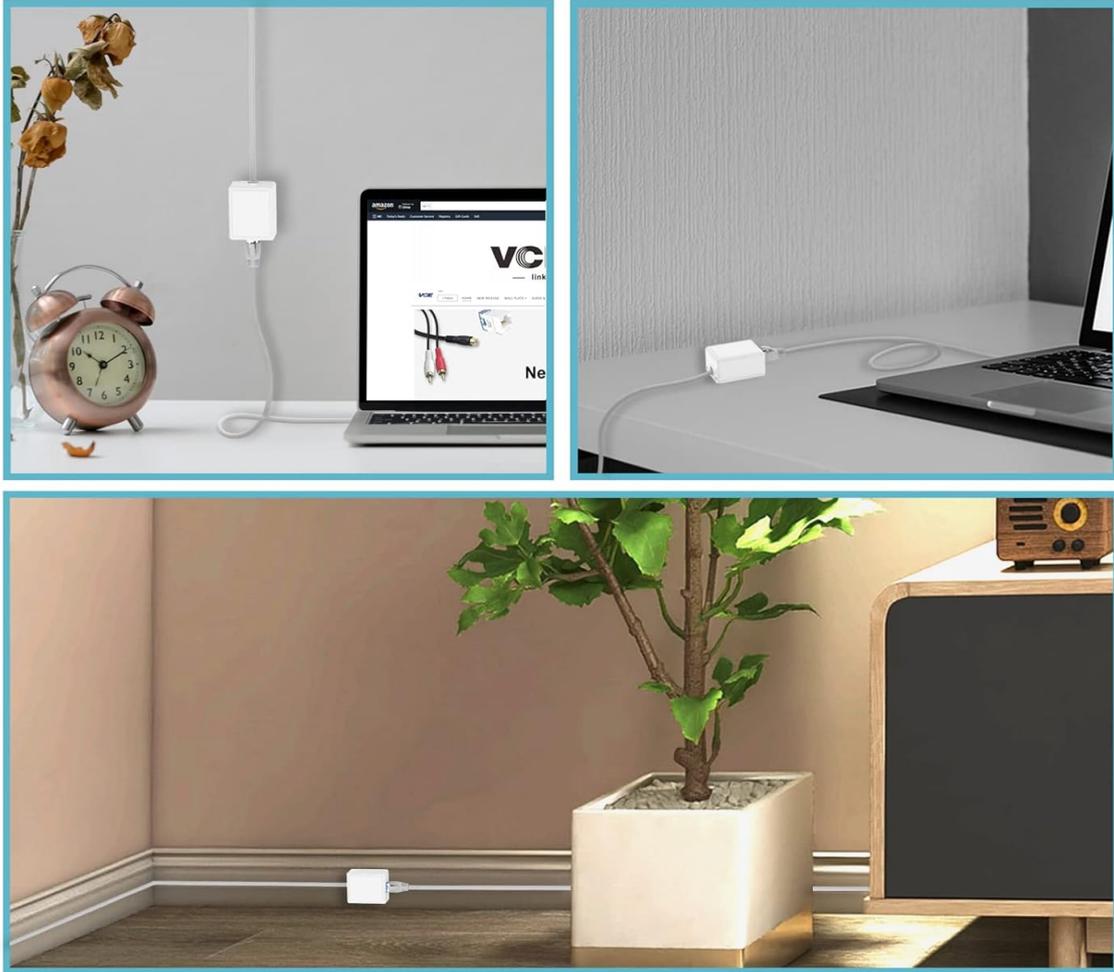


Image: Examples of the surface mount box in various installations.

6. MAINTENANCE

The VCELINK RJ45 1-Port Surface Mount Box requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the box. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check the box and cable connections for any signs of damage or loose fittings.
- **Keystone Replacement:** The design allows for easy replacement of the keystone jack if needed. To replace, gently pry open the cap, then carefully push the keystone jack out from the front using a small tool. Insert a new keystone jack and reassemble.

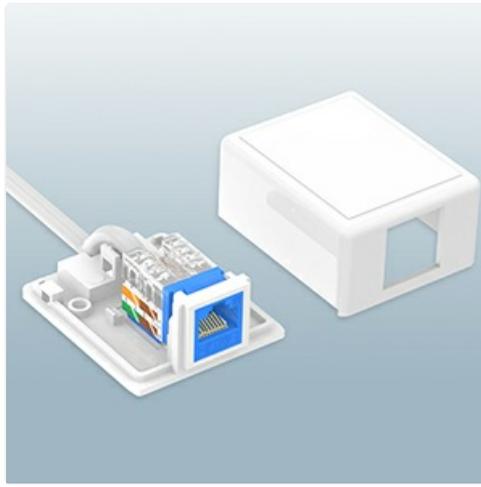


Image: Keystone jack can be easily replaced.

7. TROUBLESHOOTING

- **Keystone Jack Does Not Fit:** Ensure you are using a standard UTP 90/180 degree RJ45 keystone jack. Some overly long female-to-female couplers may not fit.
- **Cable Does Not Fit Through Opening:** The maximum supported cable outer diameter is 6.2 mm. If your cable is thicker, ensure the removable section at the rear of the box has been detached.
- **Box Not Sticking with Tape:** Ensure the mounting surface is clean, dry, and smooth. For rough or uneven surfaces, screw mounting is recommended.
- **Loose Connection:** Verify that the keystone jack is fully snapped into the box and that the Ethernet cable is securely plugged into the keystone jack.

8. WARRANTY AND SUPPORT

VCELINK products are designed for reliability and performance. For specific warranty details and technical support, please refer to the official VCELINK website or contact customer service directly. Contact information is typically available on the product packaging or the manufacturer's website.

VCELINK offers 24/7 friendly customer service to assist with any product-related inquiries or issues.