



# XVA-CBL-IOX-01

## INSTALLATION GUIDE

Interface Cable

DOC. 1013A | 04/2026





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## INTRODUCTION

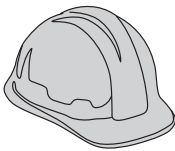
The XVA-CBL-IOX-01 is an interface cable for use with a Xirgo dashcam and a Geotab® GO™ device. The cable transmits vehicle video telematics from the Xirgo dashcam to the Geotab GO device for use in the MyGeotab™ platform.

# SAFETY CHECKLIST

**WARNING:** Installation should be performed by a qualified individual or installation professional only. Working with a vehicle's power system can be dangerous to both you and your vehicle. Since vehicle designs and power/input sources can vary from vehicle to vehicle, the procedures described here are intended as a guide only.

- **Personal Protection Equipment:** To prevent injury, please wear the following equipment at all times when working on or near the vehicle.

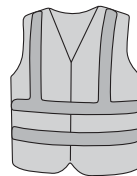
Hardhat



Steel toe shoes



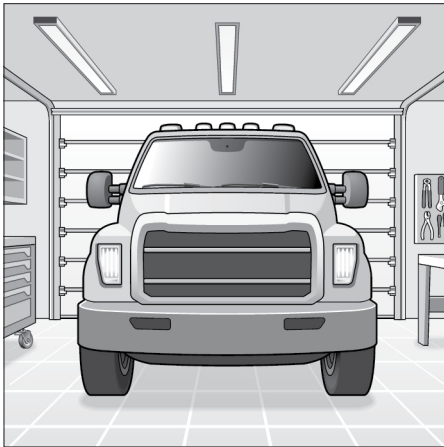
High visibility vest



Eye protection

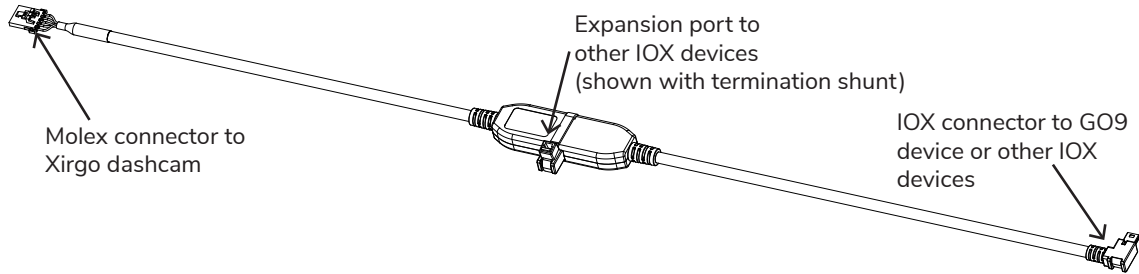


- **Site Requirements:** Place the vehicle on a flat surface in an area that is sheltered from weather (rain, snow, wind, etc.).



# HARDWARE DESCRIPTION

XVA-CBL-IOX-01 parts



# SPECIFICATIONS

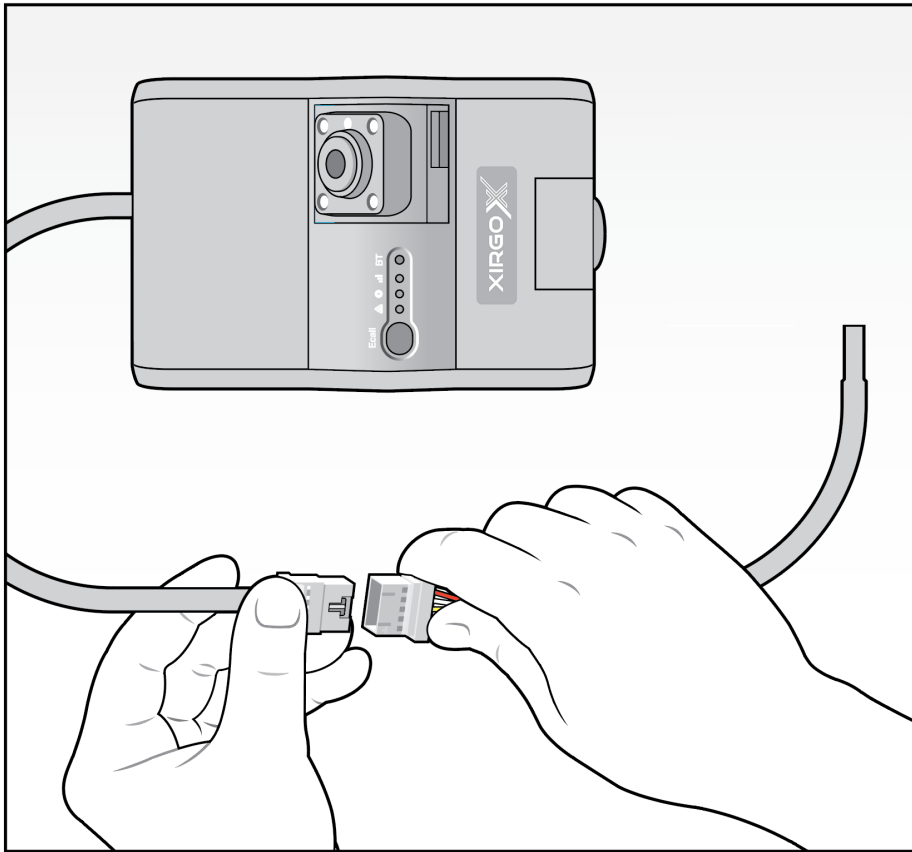
| Specification                                        | Description                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Functionality                                        | Universal RS232-type cable                                                                                                                                                                                                                                                                                     |
| Weight                                               | 1.8 ounces (50 grams)                                                                                                                                                                                                                                                                                          |
| Length                                               | 49.6 in. (1260 mm)                                                                                                                                                                                                                                                                                             |
| Interfaces                                           | CAN: 500 kb/s; for daisy chaining<br>RS232 Male/Female: 300 to 115,200 baud, parity, data bits, and flow control<br>RS232 Male/Female: 8 data bits, and 1 stop bit                                                                                                                                             |
| Nominal Input Voltage                                | 12/24 VDC                                                                                                                                                                                                                                                                                                      |
| Maximum continuous current to the IOX in daisy chain | 40 mA at 12 V / 24 VDC Operating mode (typical/nominal current draw)                                                                                                                                                                                                                                           |
| Maximum peak current to the IOX in daisy chain       | 2750 mA @ 12 V/24 VDC<br><b>Note:</b> For each IOX in the daisy chain, add the maximum current draw, and do not exceed the maximum total IOX current draw.                                                                                                                                                     |
| Connectors                                           | <b>Male Mini-USB Type-B connector:</b> Daisy chain power and CAN in<br><b>Female Mini-USB Type-B connector:</b> Daisy chain power and CAN out<br><b>5-Pin Molex 50579705 with the following pinouts:</b><br>1. GND (Black)<br>2. RS232 Tx (Green)<br>3. RS232 Rx (Yellow)<br>4. KL15 (White)<br>5. Power (Red) |
| Compatible Devices                                   | All GO9® and newer devices and variants with firmware x.45.28 or later                                                                                                                                                                                                                                         |

# HARDWARE HOOKUP

Connect the XVA-CBL-IOX-01 to the Xirgo dashcam and the Geotab device.

## Connect the Cable to the Dashcam

Connect cable to Xirgo dashcam



## Connect the Cable to the Geotab IOX Ecosystem

The device can connect directly to the Geotab GO device or daisy chain to the expansion port of another IOX cable already connected to a Geotab GO device.

### Connect the Cable to a GO Device

If connecting the XVA0CBL-IOX-01 directly to a Geotab GO device, and no other devices are to be connected, perform the following.

1. Connect the cable to the IOX port on the side of the Geotab GO device.
2. Connect the termination shunt to the cable's expansion port. For details, refer to "Termination Shunt" on page 6.

### Daisy Chain the XVA-IOX-101 to another IOX Cable

If daisy chaining the XVA0CBL-IOX-01 to an existing IOX connection, perform the following.

1. If a termination shunt is installed on the connected cable's expansion port, remove it from the cable.
2. Connect the XVA-CBL-IOX-01 to the expansion port on the connected device's cable.

3. Use a cable tie to secure the XVA-CBL-IOX-01 to the expansion port.

## Termination Shunt

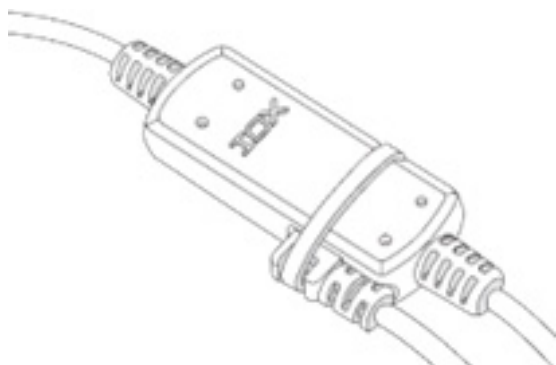
The XVA-CBL-IOX-01 cable is capable of daisy chaining to other devices in the IOX ecosystem; creating a network of in-vehicle devices connected to the MyGeotab platform through a Geotab GO device.

### Remove the Termination Shunt

The XVA-CBL-IOX-01 cable is equipped with a removable termination shunt that must be removed from the cable's expansion port if the cable is to connect to other IOX cables.

Once the connection is made, secure the connector to the expansion port with the included cable tie.

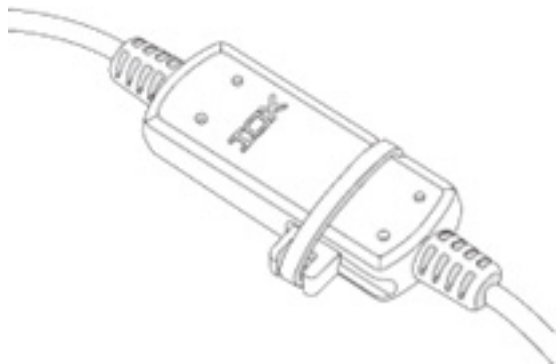
### Daisy-chained device installed



### Install the Termination Shunt

If the cable is not going to be connected to other IOX cables, the termination shunt must be installed on the cable's expansion port to ensure communication amongst the connected devices.

### Termination shunt installed





## **SAFETY ADVICE**

### **Caution**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **Caution**

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.



# REGULATORY INFORMATION

## FCC

This equipment with FCC ID: GKM-XVA-IOX

Subject to the Federal Communications Commission (FCC) and Industry Canada (IC) rules.

### Notice:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference,
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this equipment not expressly approved by Xirgo Technologies, LLC may void the FCC authorization to operate this equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

### Radio frequency radiation exposure information:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Warning: California Proposition 65

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.



## IC

IC: 10281A-XVAIOX

### Antenna Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the Equivalent Isotropically Radiated Power (E.I.R.P.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la Puissance Isotrope Rayonnée Équivalente (P.I.R.E.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

### License exempt

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference,
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage, et
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Hardware and Software Versions

HW Version: XVA-IOX-001

SW Version: XVA-IOX-001



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