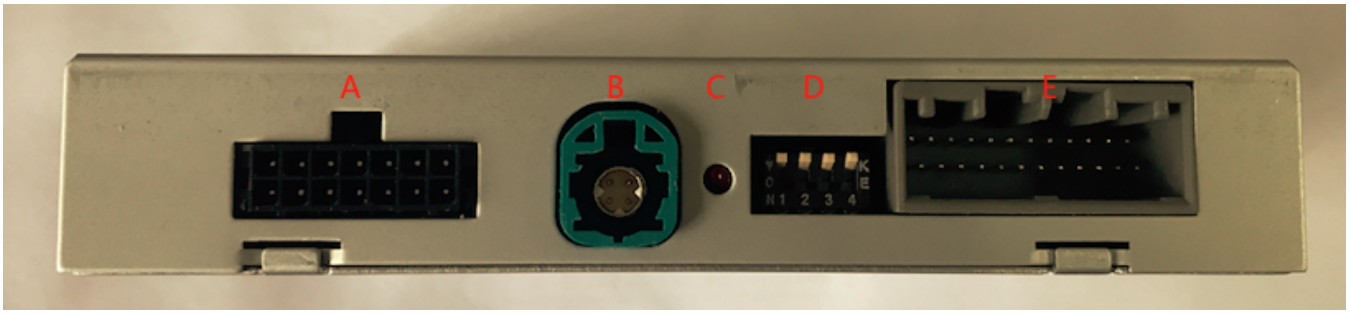
Buick Encore GX 360 Camera Interface

Installation and user manual



Before installation, verify the vehicle, model year, factory system and product number.

Technical source: Shanghai Shenshun Industrial Co., Ltd.

The supplier states that validation used China-market vehicles. A shared platform or a different regional model name does not confirm fitment in another market.

Technical support | andy-lv@oadot.com

Adds VGA surround-view, one reversing input and two video inputs as described in the source. The factory touchscreen can control compatible surround-view equipment. The system supports automatic switching to the reversing view with trajectory display.

1. Safety precautions

- Use only in 12 V vehicles with negative ground.

- Installation must be carried out by a professional. Do not disassemble or relocate the installed unit without authorization.

- This product is not waterproof. Protect it from water and moisture.

- For changes to product technical specifications, contact your dealer.

2. Product features

- Select the VGA surround-view or CVBS surround-view/reversing input with the DIP switches.

- The source describes selection through the navigation module menu for the factory reversing camera, an added camera with trajectory and radar display, or an added 360 camera with wired switching.

- The factory HOME button switches video inputs. The DIP switches configure the video functions.

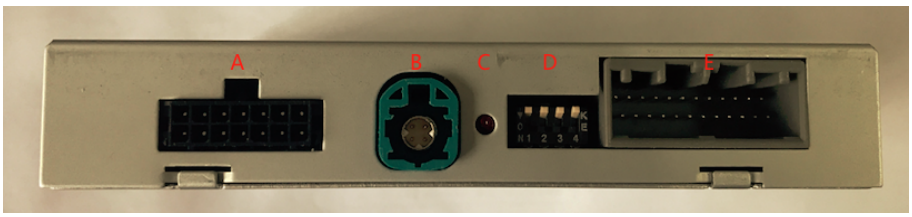
- Vehicle-specific plug-in connectors preserve the original wiring.

- Source fitment covers 2020 Buick Encore GX Flagship and AWD Flagship versions. Confirm the market and factory system.

3. Technical specifications

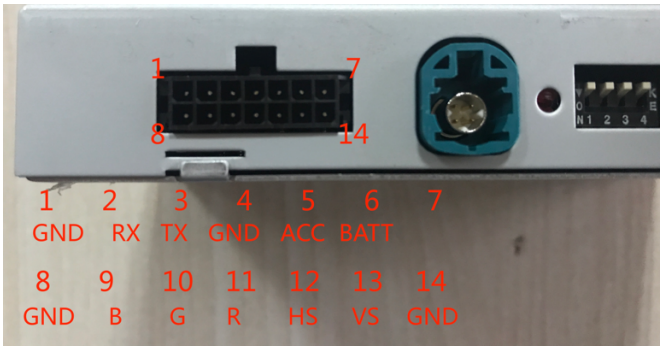
Parameter	Value
Operating / control voltage	DC 8-18 V
Power	3 W
Operating / storage temperature	-10 to 70 °C / -20 to 85 °C
Inputs	One standard reversing input, one auxiliary input supporting recorder power, one optional front-video input
Navigation / interface	14-pin VGA connector, serial communication and matching protocol
Weight stated in source	430 g
Dimensions stated in source	230 x 160 x 50 mm

4. Module identification





A. 14-pin VGA connector



The reference photograph gives pin numbers and signals. Pin 7 has no signal label in the source.

B. LVDS signal socket | C. Power LED | D. DIP switches

Mode (column 1)	Column 2	Column 3	Column 4
UP: VGA 360	360A	UP	UP
UP: VGA 360	360B	UP	UP
DOWN: CVBS	UP: added camera	UP: front on	UP: recorder on
DOWN: CVBS	DOWN: factory camera	DOWN: front off	DOWN: recorder off

The source table does not map its columns to numbered switches. For 360A and 360B, the three stated positions are the same and column 2 gives no position. Confirm the actual switch positions and how they relate to menu selection with OADOT.

E. 24-pin power socket

F. 10-pin hardware-update socket

G. Recorder socket (video and power)

H. Video input

I. Reserved front-video socket (video and power)

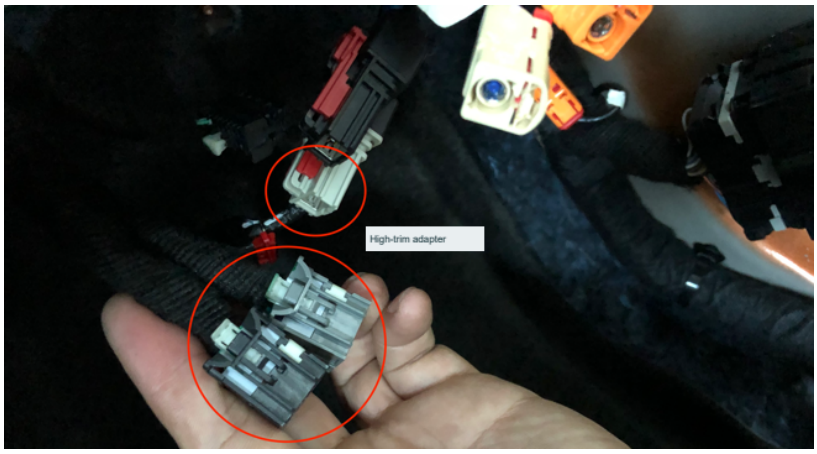
J. TF card slot (firmware update)

Operation

Configure the DIP switches for the required function after confirming the settings. For VGA surround-view with trajectory and radar display, the source specifies protocol 2 and high-definition output from the 360 equipment.

5. Installation and connection

Connect the adapter in line with the factory radio module on the right side of the front-passenger footwell. Match the harness and connectors to the actual vehicle.



Encore GX high-trim adapter connection at the factory radio module.

6. Basic troubleshooting

If the following checks do not resolve the issue, contact OADOT or your dealer.

Symptom	Checks
Power LED off	Check the power harness connection and the radio fuse.
VGA picture black or distorted	Check that the 360 system works and that the VGA output settings match.
Black screen in reverse	Check the camera connection and confirm that the camera is working.
Blue screen when switching	Check for a connected input with no video signal. Confirm that the video source is operating.

7. Kit contents

No.	Component	Part number
1	Integrated interface unit	907014601
2	LVDS cable	910010163
3	Power harness	910010164

Add technical support on WeChat

Scan the QR code in WeChat to add technical support.

Email technical support at andy-lv@oadot.com.