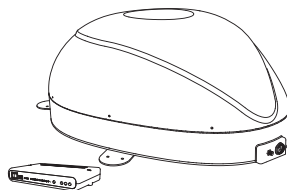


IMPORTANT : Read manual thoroughly for full safety and product information.

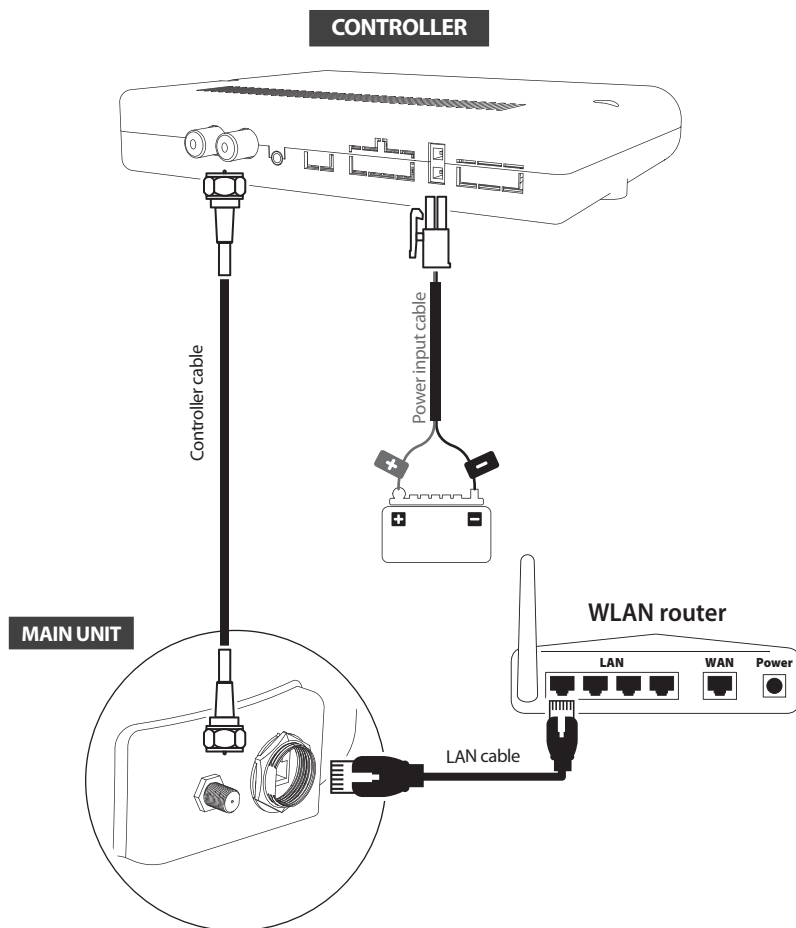
www.selfsat.com

Package contents

- | | |
|----------------------|-----------------------|
| 1 x Main unit | 1 x Power input cable |
| 1 x Controller | 1 x Cable holder |
| 1 x Router | 1 x Cable gland |
| 1 x PoE adaptor | 1 x Screw set |
| 2 x LAN cable | 1 x User manual |
| 1 x Controller cable | |

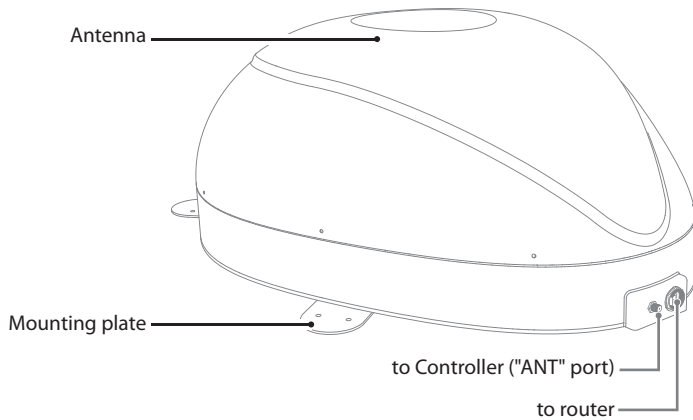


Connection diagram



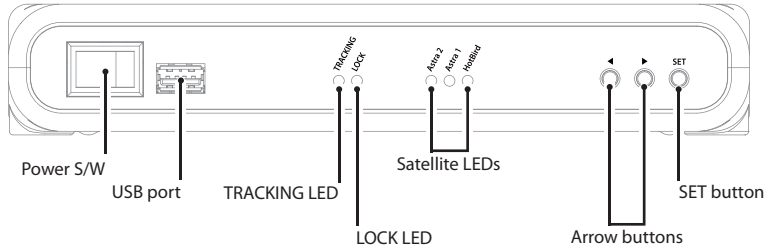
1. Product specifications

Parts of Main unit



Parts of Controller

• Front



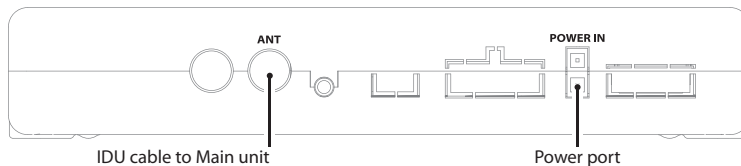
LED Indicator

● On

○ Off

◐ Blinking

• Back

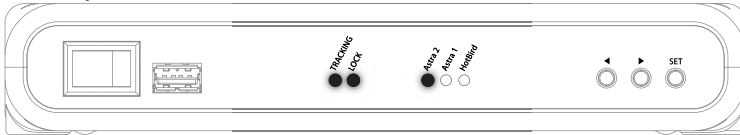


2. Functional description

A. In-Motion mode (only)

- When the all cable connections are completed, turn on the power switch
- ASTRA2 and HOTBIRD LEDs light on while booting the system (15~30 seconds)
- Default (ASTRA2) or the last status satellite is automatically selected
- Tracking LED light on since the unit searches the satellite
- When Lock LED becomes solid this means the satellite is found
- If the other satellite is desired, move to the correct satellite and press SET to confirm the new satellite

For example :



B. Factory reset

- Press and hold SET button for more than 5 seconds till TRACKING & LOCK LEDs blink
- Factory reset takes less than 3 seconds and reboot the system
- When factory reset is completed, default satellite is selected then the unit automatically starts searching

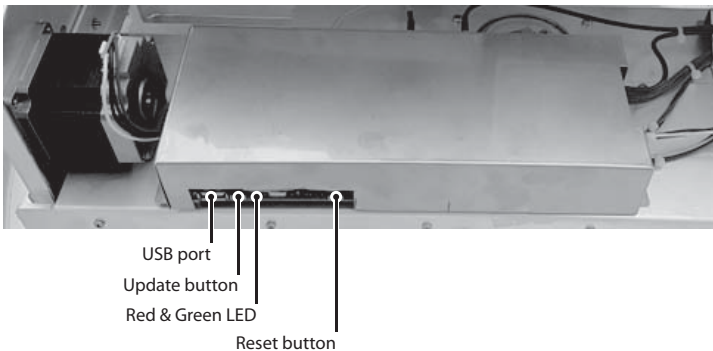
3. Extra functions

A. Software upgrade - Controller

- a. Transfer "FWUPDATE.BIN" file to a USB stick. Do not place inside a folder
- b. Ensure that the unit is turned off and plug the USB into USB port on the back of controller
- c. Press and hold SET button and turn on the Power switch
- d. MODE LED is on while checking upgrade file
- e. Software upgrade takes about 10 seconds
(Each LED lights in sequence, all LEDs light on and then off)
- f. Once upgrade is completed, unit reboot(reset) the system
- g. If controller does not recognise USB, MODE /Tracking /Lock LEDs blink 6 times and restart
- h. If upgrade is failed, all satellite LEDs blink till the unit is turned off

B. Software upgrade – Main board

- a. Transfer "FWUPDATE.BIN" file to a USB stick. Do not place inside a folder
- b. Ensure that the unit is turned on and plug the USB into USB port of main board (inside antenna)
- c. Press and hold UPDATE button and then press RESET button
(There may be noise when pressing RESET button. It is not faulty.)



- d. Red and green LEDs are on while checking upgrade file
- e. Software upgrade takes about 10 seconds
- f. Once upgrade is completed, red LED is off and only green LED remains on
- g. If main board does not recognise USB, red and green LED blink 5 times and restart
- h. If upgrade is failed, red LED blinks 5 times and restart

4. Live Satellite Broadcasting with SELFSAT WAVE

SELSAT WAVE client is either a software App or a STB-type device specialized for the IP stream from SAT>IP.



SELSAT WAVE is equipped of two SAT>IP routers, users are able to select one to be connected.

Each router is capable to stream up to 16 users. Users should be grouped in two and guided a router name to be connected.

For tablets or smart phones, download any of the SAT>IP Apps on the Apple APP Store or Google Play.

How to download/use the App for iOS/Android Smartphones and Tablets

1. Download a SAT>IP App from Apple App Store or Google Play.

ELGATO SAT>IP (0.99 EUR)	tivizen SAT>IP (Free)
	
**Recommended for more stable use with SAT>IP	



2. Install the App on your iOS or Android device.

3. Wi-Fi Setting

Open the setting on your mobile device & Go to Wi-Fi setting to select the network.

⇒ For SELFSAT WAVE, use SSID "Idoit_wifi_XX_5G_1" and password "idoit1234".

4. Start the App.

 Elgato Sat>IP	Satellite Setting	Setting → Scan Channels → Select Country → Select Satellite → Channel Auto Scan
	Watch TV	Live TV → Select Satellite → Select the channel → Watch TV
 tivizen SAT>IP	Satellite Setting	Scan channels → New channel scan → Select satellite → OK → Save → Watch TV
	Watch TV	Select the channel and watch TV

Note) Channel scanning time can be different depending on your target satellite and the number of channels.

Once you finished channel scanning for the first time, you do not need to do it again.

When running an APP, there is two available SAT>IP server, please select.



How to use ELGATO Sat>IP App

Setting	Scan Channels	Select Country Select Satellite Scan	Auto Scan

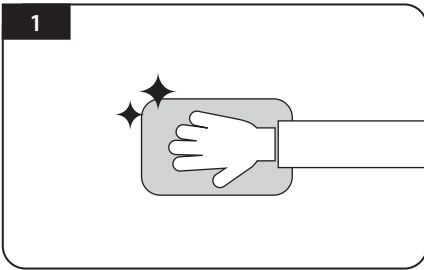
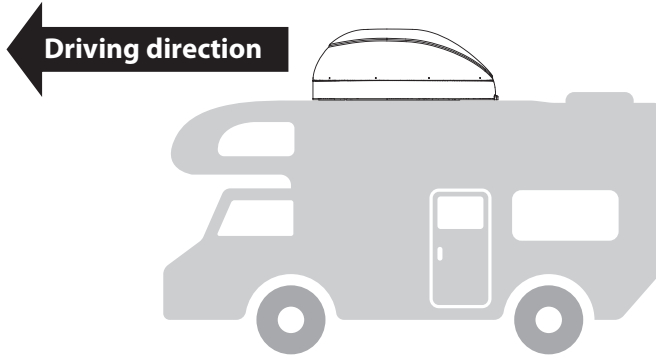
Live TV	Select Satellite	Select the channel	Watch TV



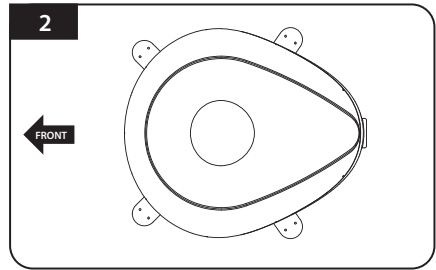
How to use tivizen SAT>IP App

New channel scan	Select Satellite	Channel Scanning	Watch TV

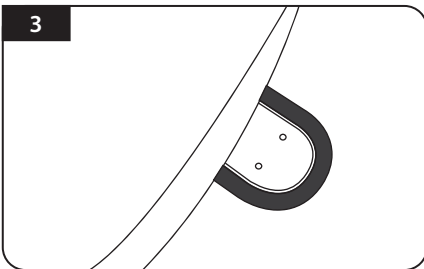
5. Installation



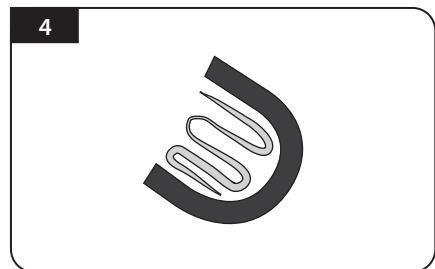
1
Clean the surface with cleaner



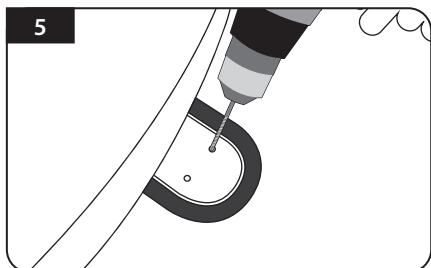
2
Locate the antenna in the center of car roof



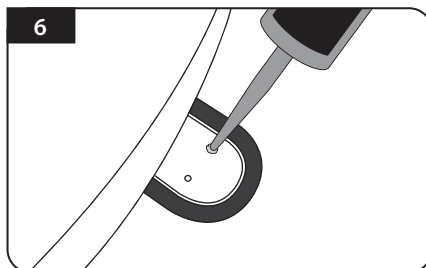
3
Attach friction tape outside of the mounting plate, to be 4mm away from the plate edge



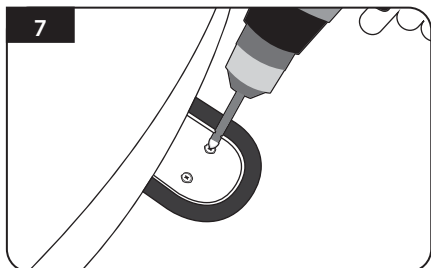
4
Put aside the antenna to apply silicone inside the guided tape line



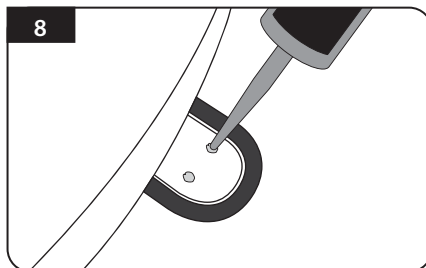
5
Put back the mounting plate on the silicone applied and make 2holes (2mm) with power drill



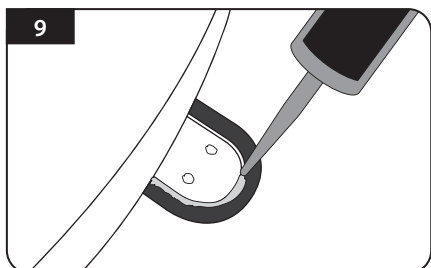
6
Apply silicone on the holes



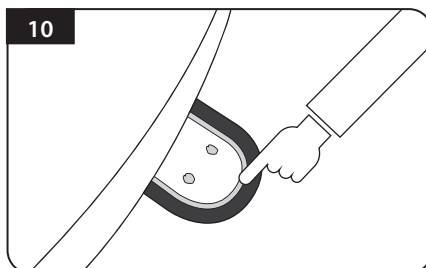
7
Assemble mounting plate using 2 M4x20 screws



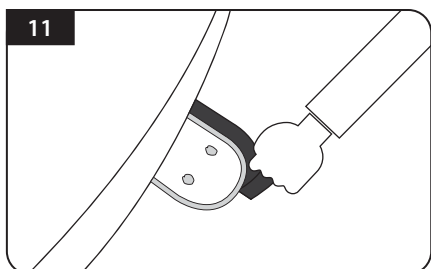
8
Re-apply silicone to cover tightened screws



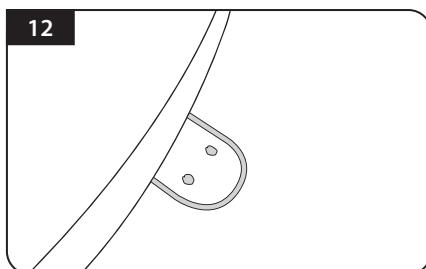
9
Apply silicone around the mounting plate



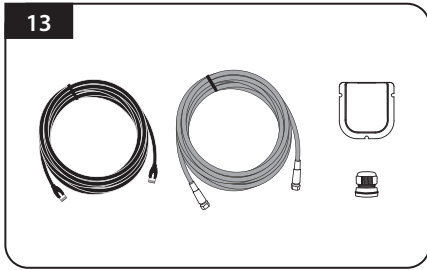
10
Tidy the area silicone applied



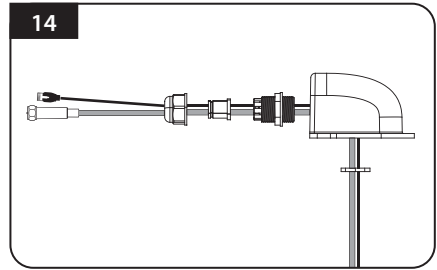
11
Remove the friction tape and get dry



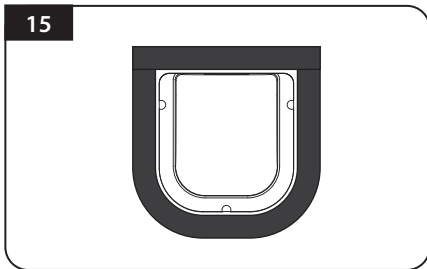
12
The image you will see. Place main unit on the top of fixed plate



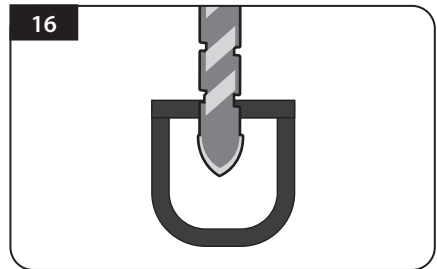
Equipment to initiate cable holder installation



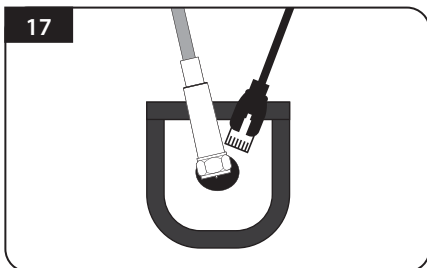
Put the cable inside the cable holder as above picture



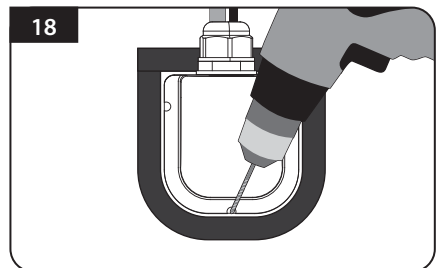
Arrange cable holder in front of (30cm apart from) antenna center by facing open side of cable holder toward projected part of the mounting plate. Then attach friction tape outside of cable holder



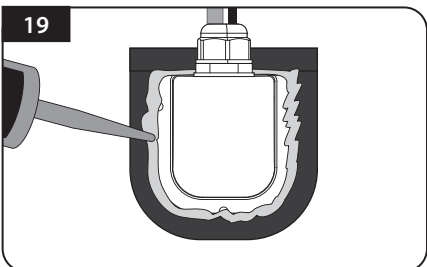
Make 15mm drill hole in the center of the tape marking



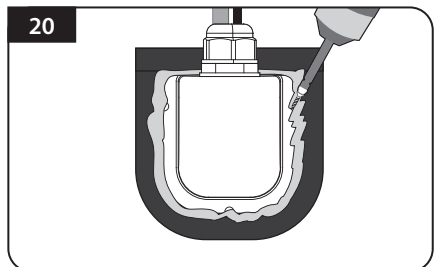
Insert LAN and controller cable through the hole



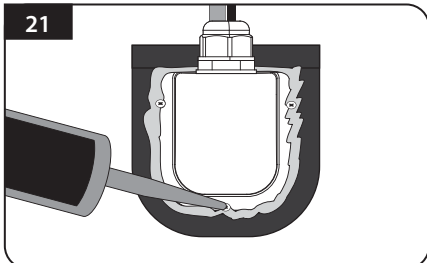
Place cable holder in the tape marked and make 3 of 2mm drill holes



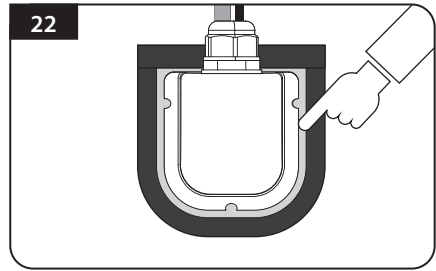
Apply silicone around the cable holder



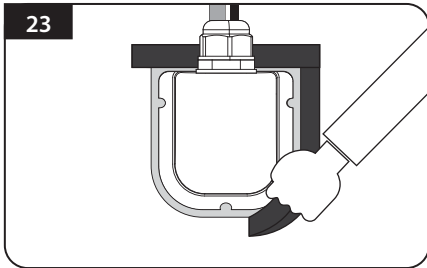
Fix cable holder on the car roof with 3 of M4x20 screws



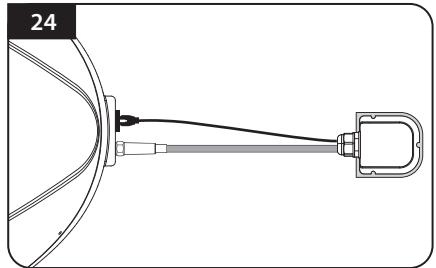
21 Apply silicone around and on the top of screws



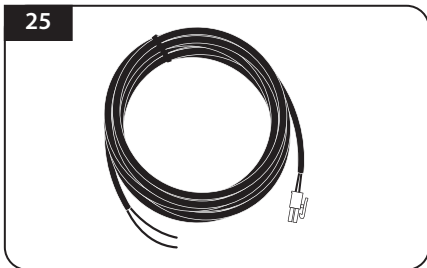
22 Tidy silicon



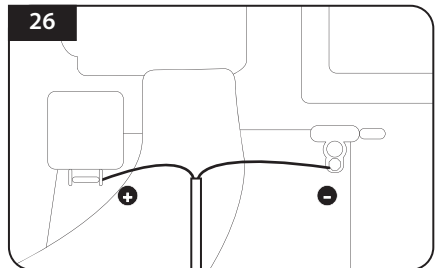
23 Remove friction tape



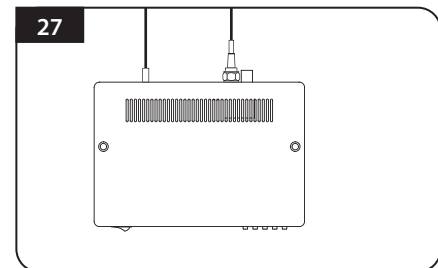
24 Connect the cable to the controller and router



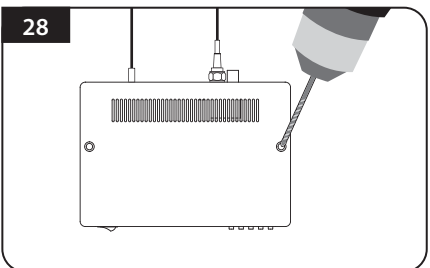
25 Get power input cable for battery connection



26 Match the power cables polarities to the battery polarities, red to red / black to black



27 Plug the other end of power input cable to the controller



28 Place the controller at where user wants