

iSaviTM

QUICK START GUIDE iSavi-E Version 1.0



Your iSavi™ terminal can generate a significant amount of heat depending on the system activities such as continuous transmission over a period of time and the underside surface will be hot.

Note: Reduce the risk of heat related injury by adhering to the following:

1. Handle with caution when touching the underside surface of the terminal, especially when in use or just after powering down.
2. Wait for the terminal to cool after powering down before stowing the device in an unventilated manner.
3. Do not leave children unattended within reach of the terminal.



Votre récepteur/terminal "iSavi"™ peut générer une grande quantité de chaleur selon les activités du système, telles que la transmission continue pour une longue période, et la surface inférieure sera chaud.

Veuillez noter qu'on peut diminuer le risque d'une blessure causée par la chaleur en vous conformant aux directives suivantes:

1. Manipuler avec précaution lorsqu'on touche la surface inférieure du récepteur/terminal, en particulier au moment de l'utilisation ou juste après avoir éteint le récepteur/terminal.
2. Attendre jusqu'à le récepteur/terminal se soit refroidi après l'avoir éteint, avant l'entreposage dans un espace non ventilé.
3. Ne laissez pas les enfants sans surveillance à portée du récepteur/terminal.

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REGULATORY INFORMATION



Federal Communication Commission Notice

FCC Identifier: QO4-SMTISAVIEWE

USE CONDITIONS:

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

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

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 of the following measures:

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

IMPORTANT NOTE: EXPOSURE TO RADIO FREQUENCY RADIATION

This Device complies with FCC radiation exposure limits set forth for an uncontrolled environment. The Antenna used for this transmitter must be installed to provide a separation distance of at least 100cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC CAUTION:

Any Changes or modifications nt expressly approved by the manufacturer could void the user's authority, which is granted by FCC, to operate this Satellite terminal iSavi-E, SH-100E.

EC Declaration of Conformity:

Addvalue Innovation Pte Ltd., 8, Tai Seng Link, Level 5 (Wing 2), Singapore 534158.

declares under our sole responsibility that the Product, brand name as Wideye and model: iSavi-E, SH-100E Satellite terminal to which this declaration relates, is in conformity with the following standards and/or other normative documents:

ETSI EN 301 489-1, -19, -20, ETSI EN 301 681, EN 62311, ITU-R M.1480
IEC 60950-1 AND EN 60950-1

We hereby declare that all essential radio test suite have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC. The Conformity Assessment procedure referred to Article 10 and detailed in Annex [III] or [IV] of Directive 1999/5/EC has been followed with involvement of the following notified body(ies):

TIMCO ENGINEERING, INC., P.O BOX 370, NEW BERRY, FLORIDA 32669.

Identification mark: 1177 (Notified Body number)

The technical documentation relevant to the above equipment are held at:

- Addvalue Innovation Pte Ltd., 8, Tai Seng Link, Level 5 (Wing 2), Singapore 534158.

Signed by

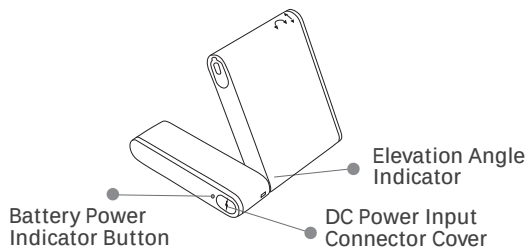
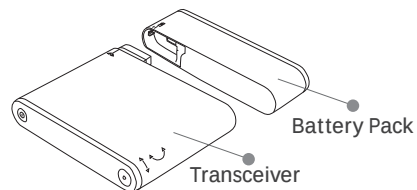
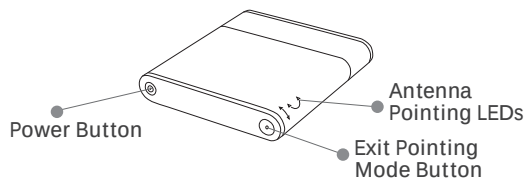
Mr. Tan Khai Pang (Chief Technology Officer on February 26, 2016) and

Mr. Prabakar Kuttaniseeri (Manager-Quality System & Compliance Management, on February 26, 2016)

WELCOME

Congratulations on purchasing the Addvalue Wideye™ iSavi-E satellite terminal.

QUICK REFERENCE



Other contents in the box



Charger
& US Plug



Ethernet
Adapter

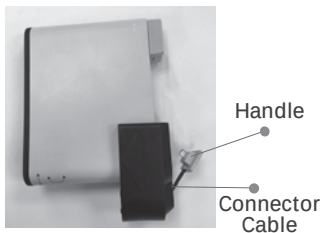


Quick Start
Guide

GETTING STARTED

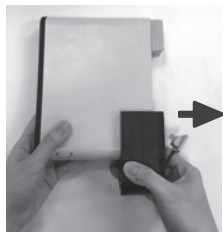
STEP 1

Pull the handle of the micro-USB connector as shown to unplug the connector cable.



STEP 2

Remove the Ethernet adapter by pulling straight in the direction below.

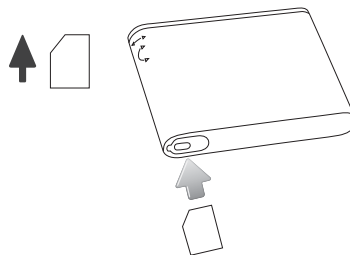


Note:

Removing the ethernet adapter without unplugging the connector cable might damage the terminal.

STEP 3

Insert the Micro-SIM card with its gold-contacts facing down.

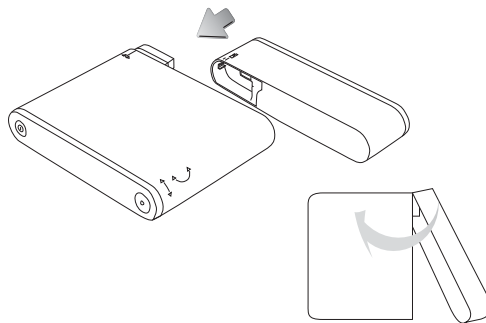


Note:

Ensure your iSavi™ is off before removing or installing the SIM card.

STEP 4

Attach the battery



Attach the battery gently in the direction as shown until a click is heard.

STEP 5

Use a finger to press the latch and ensure that the transceiver is properly attached to the terminal.

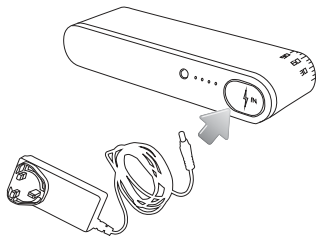


STEP 6

Insert the charger lead and then plug the adapter into a suitable power source. Your iSavi™ should be charged for 8 hours before first use.

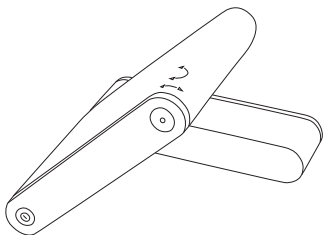
Charging will cease automatically once the battery is fully charged.

You can check the battery level by pressing the 'Battery Power Indicator Button'.

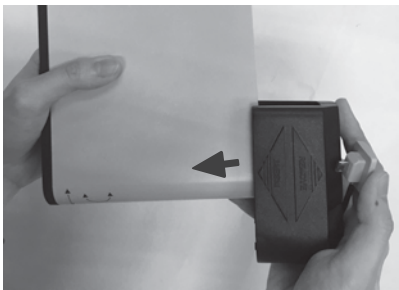


- ● ● ● 76% - 100% Capacity
- ● ● ○ 51% - 75% Capacity
- ● ○ ○ 26% - 50% Capacity
- ○ ○ ○ 1% - 25% Capacity

STEP 7
Tilt the terminal to 45 degrees.



STEP 8
Attach the Ethernet adapter.



STEP 9
Plug in the micro-USB connector.



STEP 10
Place your iSavi™ outside in a position with an unobstructed view of the sky.

Press and hold the power button for 5 seconds to switch on your iSavi™. Leave it for at least 1 minute.

Your iSavi™ must acquire a Global Positioning System (GPS) fix before you can connect to the network for the first time.

POINT THE TERMINAL AND CONNECT TO NETWORK

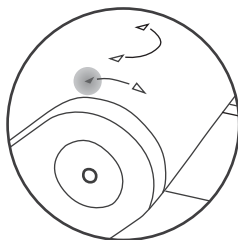
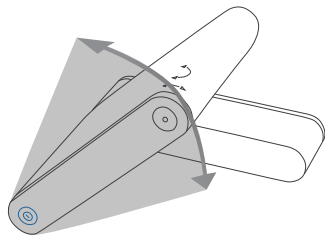
Method 1: LED Visual Pointing Mode

STEP 1

Make sure you place your iSavi™ in the open air, with an unobstructed view of the sky. Your iSavi™ needs to be pointed towards the satellite in the correct direction to ensure connection to the satellite network.

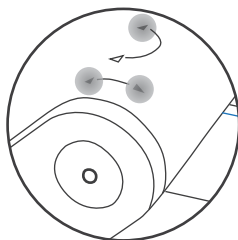
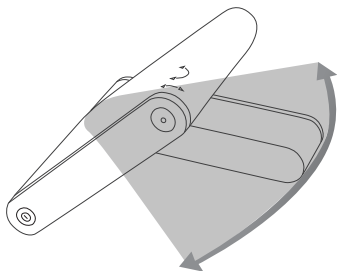
Note:

In some cases, you might encounter magnetic interference. Please refer to the next page for more information.



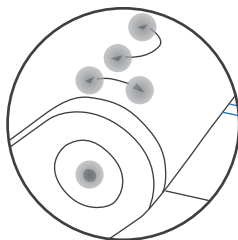
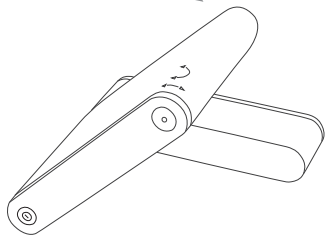
STEP 2

Tilt your iSavi™ up or down in the direction of the flashing green light until both 'up' and 'down' LEDs are solid green.



STEP 3

Turn your iSavi™ left or right in the direction of the flashing green light until both 'left' and 'right' LEDs are solid green.



STEP 4

When all four tilt & turn LEDs are solid green, press the flashing 'Exit Pointing Mode' Button. Your iSavi™ will now connect to the network.

POINT THE TERMINAL AND CONNECT TO NETWORK

LED Visual Pointing Mode

Magnetic Interference

Occasionally, if your iSavi™ is in close proximity to ferrous objects, the sensors will have difficulty determining its correct orientation.

When this happens, the LEDs will flash in the following sequence :



The following steps should resolve the issue.

Step 1:

Move your iSavi™ to a new location. Ensure your terminal is situated away from other electronic devices, metal objects and appliances that generate RF noise.

Step 2:

Press the 'Exit Pointing Mode' Button once to exit from this state and repeat the steps of the LED Visual Pointing Mode procedure. The above LEDs status will appear again if the new location is still having magnetic interference. Repeat step 2 until the LEDs status indicates the LED Visual Pointing Mode.

If this does not solve the problem, please try Method 2: Audio Assisted Pointing Mode on next page.

Note:

Magnetic interference does not affect the basic operation of your iSavi™.

If the LEDs display any other pattern of illumination refer to the LED Status Quick Reference Guide for more information.



During operation, the iSavi radiates radio frequency energy within the safe MPE (Maximum Permissible Exposure) level.

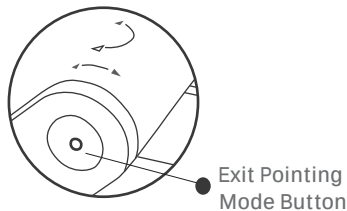
However, it is highly recommended that for safety reasons, avoid standing closer than 1 metre in front of your iSavi™.

POINT THE TERMINAL AND CONNECT TO NETWORK

Method 2: Audio Assisted Pointing Mode

STEP 1

To switch into audio assisted pointing mode, press and hold the 'Exit Pointing Mode Button' for 5 seconds when your iSavi™ is in LED visual pointing mode .

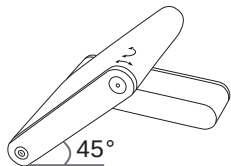


All 4 LEDs will be flashing green when the audio assisted pointing mode is activated.

The beeping sound indicates the signal strength. The frequency of the beeping will become higher when the signal is stronger.

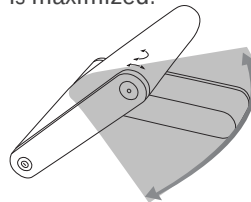
STEP 2

Tilt the terminal up to 45 degrees from the horizontal.



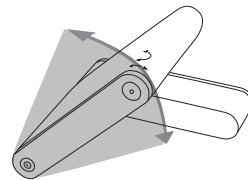
STEP 3

Turn the terminal slowly in clockwise or counterclockwise until the beeping frequency is maximized.

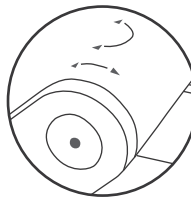


STEP 4

Tilt the terminal up or down slowly until the beeping frequency is maximized. Fine tune the position until no further increase of the beeping frequency is heard.



'Exit Pointing Mode Button' will turn to flashing green when the signal strength is satisfactory for network registration.



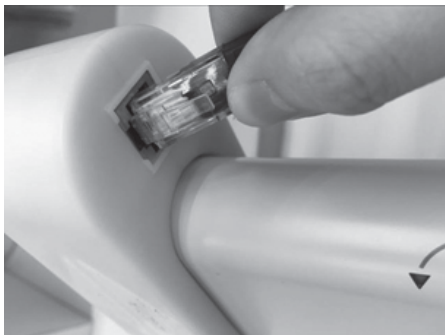
STEP 5

Press the 'Exit Pointing Mode Button' to exit antenna pointing mode and start network registration.

ACCESSING DATA

STEP 1

Insert the Ethernet cable to the Ethernet adapter as shown below.



STEP 2

Insert the other end of the Ethernet cable to your computer's ethernet port

A message confirming connection is displayed on your computer (Operating system dependent).

STEP 3

Access the web console by opening any web browser and type `http://iSavi` or `http://192.168.1.35` into the address bar.

The default credentials are:

USERNAME: admin
PASSWORD: 1234

STEP 4

Once your iSavi™ is connected to the network, it will automatically activate the data session.

To stop access to data, press 'Deactivate data connection'.

POWERING DOWN AND DETACHING THE BATTERY

STEP 1

Remove the Ethernet cable from the ethernet adapter.



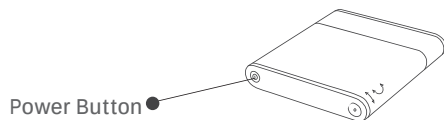
STEP 2

Unplug the connector cable by using the handle. Remove the Ethernet adapter by pulling straight in the direction as shown.



STEP 3

Press and hold the power button for 5 seconds to switch off your iSavi™.



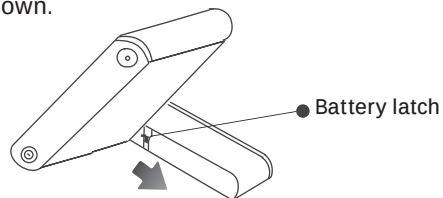
STEP 4

The powering down process takes about 20 seconds.

Wait until all the LEDs are off.

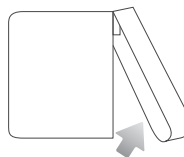
STEP 5

Pull down the battery latch in the direction as shown.



STEP 6

Remove the battery pack gently.



Note:
Ensure your iSavi™ is off before removing the battery pack.

The battery pack can be charged separately without being attached to your iSavi™.