

**TCU(Telematics Communication Unit)**  
**Model No: 34770YZF\_#01**

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.

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.

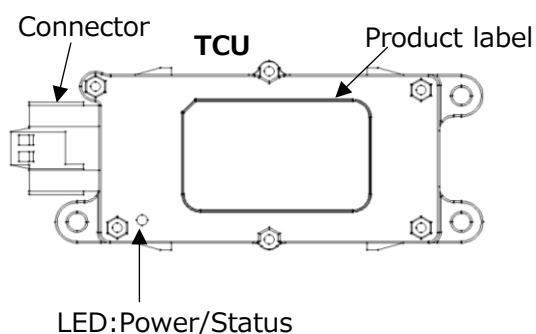
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**Radiofrequency radiation exposure Information:**

This equipment complies with FCC radiation exposure limits prescribed for an uncontrolled environment for fixed and mobile use conditions. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the body of the user or nearby persons.

The equipment is only suitable for mounting at heights  $\leq 2$  m.

## Supplied items



### Product label



Model name

34770YZF\_E01(EU),J01(JP),A01(USA)

## LED Status

No.	State(Priority LEVEL:MAX=1)	Lighting pattern
0	TCU Power OFF	OFF
1	Continuous operation or Intermittent startup Cellular not connected	①ON 200ms ②OFF 200ms Repeat ① and ②
2	Continuous operation or Intermittent startup Cellular connected	①ON 2900ms ②OFF 100ms Repeat ① and ②
3	Intermittent waiting	OFF
4	Stop waiting state-End processing	①ON 100ms ②OFF 200ms ③ON 100ms ④OFF 500ms Repeat ① to ④
5	Abnormal	①ON 500ms ②OFF 500ms Repeat ① and ②
6	Failure	①ON 100ms ②OFF 200ms ③ON 100ms ④OFF 200ms ⑤ON 100ms ⑥OFF 500ms Repeat ① to ⑥

## Disposal

Do not dispose of electric equipment together with household waste material.



## Specifications

Product characteristics	Description		
MODEL	E01	EU	
	J01	Japan	
	A01	United states	
Support Band	E01	WCDMA	B8
		LTE	B1/B3/B7/B8/B20/B28/B38
	J01	LTE	B1/B3/B8/B19
	A01	LTE	B2/B4/B5/B12/B26
Operation Frequency	703MHz~960MHz,1710MHz~2690MHz		
Maximum transmission output	LTE	Power class 3(23dBm)	
	WCDMA	Power class 3(24dBm)	
Antenna Gain	0~3dBi		
Power supply	DC:6-30V		
Temperature Environment	-25 to +65 degC		
Dimension	130×54×27mm		
Weight	108g		

## Contact information

<Manufacturer >

Sage co., Ltd. Trademark:Sage

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Made in Japan