



CE FCC K

IPAS User Manual

Flash Light Zone Tag (ZT)



· Model No : PAS-K01-40
· FCC ID : ZE8-PAS-K01-40
· Manufacturer : KYUNGWOO SYSTECH, Inc. / KOREA

- * 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 in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- * Note : The following statement applies to all products that bear the FCC logo on the product label. 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. See 47 CFR Sec. 15.105(b). 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 :
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and the receiver.
 - Connect the equipment to 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.



Manufacturer

KYUNGWOO SYSTECH, INC.

4F, Daeryung Post Tower 5, 68, Digital-ro 9-gil, Geumcheon-gu, Seoul,
08512, Republic of Korea

Tel. +82-2-985-8085 Fax. +82-2-985-8087 Mail. info@kigistec.com
www.kyungwoo.com / www.kigistec.com

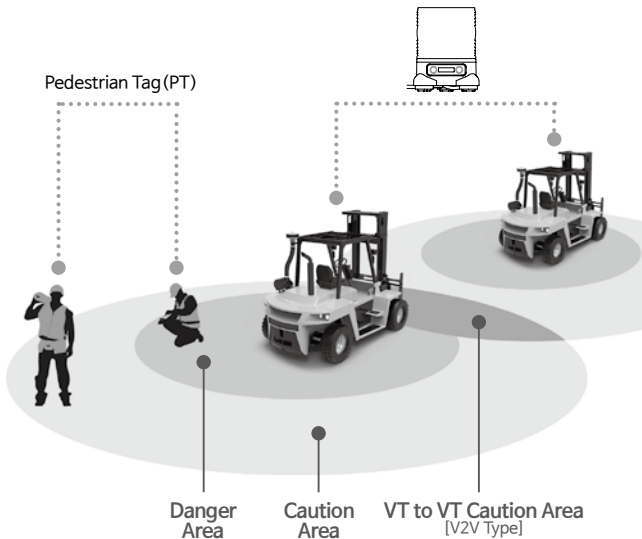
Distributor

Motor Guardian Cam Inc.

2200 Estes Ave. 2F
Elk Grove Village IL 60007

(847) 296-4279
sales@motorgc.com





▶ **Danger Area**

- Warn that pedestrians approach the danger area
- Operate the quick lamp with the alert sound "Beepbeepbeepbeep"

▶ **Caution Area**

- Warn that pedestrians approach the caution area
- Operate the slow lamp with the alert sound "Beep- Beep-"

▶ **VT TO VT Caution Area [V2V Type]**

- Warn that vehicles approach the VT caution area [V2V Type Only]
- Operate the slow lamp with the alert sound "Beep- Beep-"

PAS Flash Light Tag (ZONE TAG) is a safety-assisting device which prevents collisions between pedestrians and vehicles by signaling dangers in 2 way communication to both drivers and pedestrians in industrial working site.

High accuracy of UWB based proximity detection is an advantage of KIGIS IPAS. The product is available without any registration or rectification during installation.

※ This product is associated with Pedestrian Tag.
Please refer to VT/PT Installation Guide and User Manual for installation and usage of PT.

Specifications		Flash Light Vehicle Tag (VT)
Electrical Feature	Power	12/24VDC Input (9/32Vdc)
	Current	500mA
	Interface	CAN Bus 2.0
	Signal Status / Alert Type	<ul style="list-style-type: none"> · No approach : No signal · Approach Warning : Lamp / Alert
	Sound Level / @Distance	88dB / 1m
Mechanical Feature	Size	∅ 122.7 × 140.6 × 111.5mm
	Weight	483.5g
	Color	Red / Amber
	Mounting Method	Magnet Mount Type
UWB Feature	Frequency	3993.6MHz
	Bandwidth	499.2MHz
	Detdction Cycle	0.5s
Operation Specification	Operating Temperature	-30 ~ 85°C
	Storage Temperature	-40 ~ 85°C
	Waterproof	IP65

※ Some features may change without prior notice to improve the performance of the product.

Installation



Caution!

It is highly recommended to install IPAS after power off power off.



Flash Light
Vehicle Tag (VT)

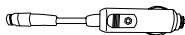


Cable Extension

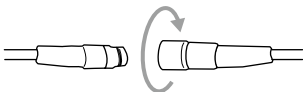


Open Wire Adapter Cable

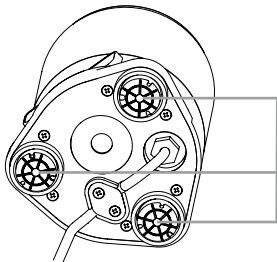
or



Cigar Jack



- * **Caution! Wind up cable terminals to properly connect them.** Disregarding this caution, it may cause a malfunction caused by liquid matters.



Install in a 360°
open space
(ex. top of the cabin)

Preferences


① Enter setting menu


Press the left button several times to enter different types of menu.
Press the right button to enter the menu.


Setting Menu

※ Default setting : Danger distance 4m / Caution distance 8m /
VT to VT Caution distance 8m / Buzzer ON

 · Main Screen
(Connecting or using the product)

 **DANGER DISTANCE** · Distance : 2-4-6-8-10m
· Alert Sound : "Beepbeepbeepbeep"
(Quick)

 **CAUTION DISTANCE** · Distance : 2-4-6-8-10m
(※ Set the distance same as or longer than the danger area.)
· Alert Sound : "Beep- Beep-"(Slow)

 **VT TO VT DISTANCE** · Distance : 2-4-6-8-10m
· Alert Sound : "Beep- Beep-"(Slow)

 **BUZZER** · Alert : ON-OFF

VT TO VT Caution Area setting menu is
only available for V2V type product.

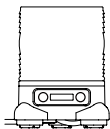
② Adjust setting

Adjust the setting with - (left) / + (right) buttons and wait for 3 seconds. Return to main screen after completing the setting.

Caution/Warning for Safety

- Use only DC 12/24V. For vehicles with DC 36/48V, be sure to connect SMPS module to use DC 12/24V. Otherwise, this may cause trouble.
- Do not intentionally immerse the product in water or wash it in running water. This may cause trouble.
- Do not place the product near flammable materials, stoves, candles, or fire. This may cause fire and product deformation.
- If the product smells, smokes, or makes abnormal noises, turn off the power and contact the customer service center immediately.
- Do not touch the connector or wiring with wet hands. This may cause electric shock or fire.
- If a connector or a wiring gets wet, wipe it with a dry towel. Otherwise, it may cause electric shock or fire.
- Do not place heavy objects on the product or on wiring, or shock. It may cause electric shock or fire.
- Do not disassemble or modify this product. This may cause trouble, and After-Sale Service will not be available.

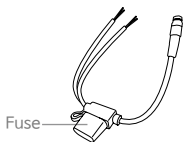
※ Any accidents that result from not following the instructions in this manual are the user's responsibility.



Flash Light Vehicle Tag (VT)



Cable Extension



Open Wire Adapter Cable



Cigar Jack



User Manual

※ The appearance of the product may be slightly different from the actual product received.