

VISA WAVE READER USER MANUAL

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Main Features

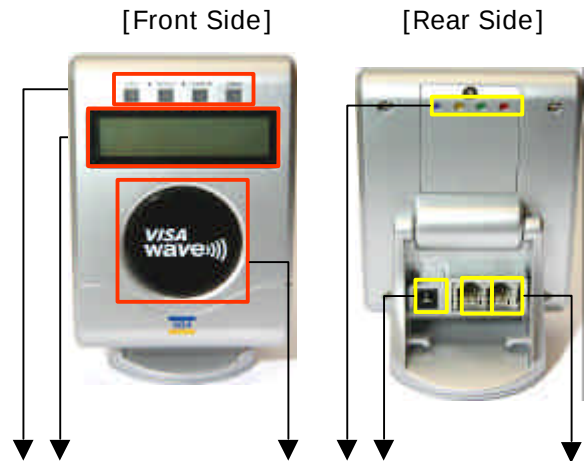
Main Features

This product supports Radio Frequency (RF) interface and has been developed to be attached to terminals through a serial interface.

Part Name and Accessory of Package

Main Body

1. LED (For Guest)
2. LCD (Display amount & etc.)
3. RF antenna
4. LED (For Master)
5. DC jack(Power supply)
6. Serial interface port(Serial 1
Serial 2)



Accessory package

- 1.user manual
- 2.Power supply adapter
- 3.Serial cable



Installation

Installation

1. Check Terminal if it supports serial connection
2. Connect cable of Visa wave reader
 - Connect cable to dedicated serial port at rear side of terminal
 - Make sure to use designated cable
 - Connect power supply adapter provided
3. The following process should occur if Visa Wave reader and terminal are connected correctly
 - “Ready” LED of Visa Wave reader is on
4. Make sure to check the installation is working correctly. Present Visa wave card to reader and the following process should occur
 - LED light “Ready” “Process” “Complete”

Safety Precaution when installation

1. This product should be installed and used near by counter table and terminal
2. Be careful not to drop or hit device as this may damage the device
3. Do not use this product where it is exposed to direct sunlight and high temperature& humidity
4. Do not immerse in water

How to use

How to use Visa wave card

1. Be sure to check that the Visa Wave reader connected correctly to the terminal using the supplied cable. If connected correctly, "READY" LED light of Visa Wave reader will be on.
2. Customer to present to Visa wave reader as shown in figure. Customer should place card over circle panel on front.



Operation

Operating

1. Upon power up, "Ready" LED will display and Visa Wave reader is searching for Visa wave card

PLS TAP THE CARD
AMOUNT: 0.00



2. When Visa Wave reader detects a card, the "Process" LED is turned on

PROCESSING....
Please wait.....



3. When Visa Wave reader has exchanged necessary information for payment between Visa wave card and Visa wave reader, the "Complete" LED is turned on

REMOVE THE CARD
Please wait.....



4. During Visa wave reader process approval procedure, "Complete" LED is blinked continually.



5. When approval procedure is finished, "Ready" LED is turned on with beep sound



6. When approval procedure fails, "Error" LED blinked 2 times.



Troubleshooting

Troubleshooting

1. When either no SAM card or error occurred, beeping generated in consecutive and “Ready” & “Error” LED are blinked



2. In case of SAM authentication failure, beeping generated 6 times in consecutive and after “Process” “Error” LED blinks 3 times



3. When Visa wave card deviate detection range, “Ready” LED is blinked soon after “Process” LED is turned on and off.



Precaution

Precaution When Usage

Visa wave reader is cutting edge electronic production in which using and accurate parts.

In order for stable and normal usage, paying attention to following.

1. Do not pour any beverage or water, otherwise malfunction may occur.
2. Do not disassemble or remodel of the product voluntarily.
.If disassemble voluntarily, free maintenance service is not available
.Be sure to store in safe place to avoid any shock and damage
3. Prior to operation, be sure to check that connection line of terminal and Visa Wave reader is being connected correctly, and "Ready" LED is blinking
4. Ensure terminal is powered off before connecting Visa Wave reader.

Precaution

Precaution troubleshooting

<In case Visa Wave reader can't read Visa Wave card>

Be sure to check that 'Ready ' LED of visa wave reader is on.

Be sure to check that Visa wave reader is being operated correctly by Visa wave card.

Be sure to check that customer's Visa wave card is being operated correctly.

Be sure to check that connection between terminal and Visa wave reader is linked properly.

Retry to plug in power plug of Visa wave reader.

Request maintenance to your dealer

Specification

Classification	Content	Remark
CPU	8/16 bit Micom	
Frequency	13.56Mhz	(transmit/receive)
Pulse	A1D	
Communication	Simplex operation system	
Oscillation	X-Tai method	
Modulation	ASK	
Power	DC 7.5V, 500mA	
Out put	less than 200uV/M	
Environment	0 ~ +45 , less than 90%	
Weight	251g	exclude adapter
Size	152mm x 90mm x 99.4mm	

Specification are subject to change without notice

Certificate of Warranty

WARRANTY CERTIFICATE

PRODUCT NAME : VISA WAVE READER

DATE: SN:

EXTENDED WARRANTY :

(Period to be filled in by CUSTOMER)

Warranty : One(1) Year

.Limited Warranty

Hismartech warrants that for one year from date of purchase, VISA wave Reader shall be free from significant defects in material and workmanship and that it will operate satisfactorily under normal conditions of use and service, as more fully described within this manual or other product specifications published by Hismartech.

Hismartech's responsibility under this warranty is limited to repair or replacement of any part of the VISA wave reader, which proves to be defective in normal use and /or service during the prescribed warranty period.

Warranty Disclaimers

These warranties apply only to VISA wave reader purchased directly from Hismartech or from an authorized Value added Reseller(VAR) of Hismartech products. The warranties are void if apparent defects were caused by accident, neglect, misuse, alteration , or unauthorized attempts at adjustment or repair. Warranty services, as described herein, is the exclusive remedy of the purchaser against Hismartech. For product defects or any other claim liability in connection with the purchase or use of prescribed Hismartech products.