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## Cautions

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Do not install it under direct sunlight.



Do not install it where the ambient temperature is too high or low.



Do not install it where is too humid.



Do not install it where the power is not stable.



Do not impact it externally.



Care must be taken not to allow water or debris infiltrated in it.



Do not spill alcohol or benzene over it.



Do not assemble or repair it.



Prior to use, check if the adaptor and the power are correct.




### Note

The contents in this manual are subject to change without notice for product feature enhancement.

# Product Configuration

## 1. Full Configuration and Specifications

Item	RF Reader			
Name	UDR-100IF			
Appearance	<div></div>			
Components	1. Terminal : 1 EA 2. Manual : 1 EA 3. Adaptor : 1 EA			
Feature	- RF Reader for Golfzon Member Card Recognition			
Specifications	ITEM		SPECIFICATION	REMARK
	CPU		CORTEX 32Bit Microprocessor	
	MEMORY	FLASH	128 Kbyte	
		SRAM	24 Kbyte Internal	
	INTERFACE	USB	Full Speed (USB 1.1)	Option
		Serial	RS232C 115200bps	
	PORT		통합 케이블 사용	DC Jack / Serial
	DISPLAY		Blue / Yellow / Green / Red	
	입력장치		NONE	
	POWER		DC 7.5V Input	
	동작온도		0 ~ 40℃	

# Product Configuration

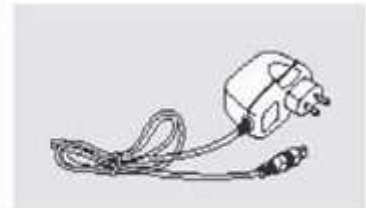
## 2. Function Description

### 1) Contents

- The product supplied contains followings

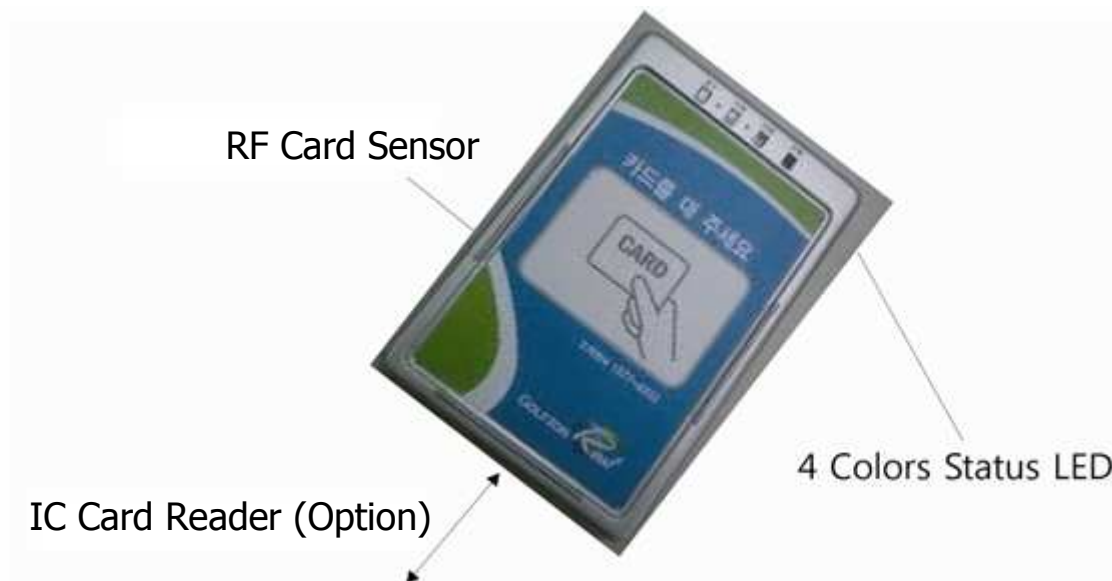


Manual



Adapter (7.5V, 1A)

### 2) Parts Names



# How to Install

## 1. How to Install

- Install it on the flat side where to be used.
- Turn off the power of the external device.
- Connect the communication cable to the communication port of the external device.

(External devices : Computer, CAT or POS)

- It is necessary to install the corresponding driver if connecting by the USB port.



# How to Operate

- When the power is supplied, [Ready] lamp is lit and it is ready to receive command from the external device.



- When the reader recognizes the card, [Progress] lamp is lit and [Ready] lamp is off.



- When the read completes payment information exchange with the card, [Done] lamp is lit.



- While waiting approval, [Done] lamp is continuously lit.



- When normally approved, [Ready] lamp is lit again.



- If error, [Error] lamp is lit, and after for a moment, [Ready] lamp is lit.



## FCC Information

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 interface, and
- (2) 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 CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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 correct the interference by one or more of the following measures:

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

## WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

"CAUTION: Exposure to Radio Frequency Radiation.

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit."

## IC Information

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to The following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS standard exempts de licence (s). Son utilisation est soumise à Les deux conditions suivantes: (1) cet appareil ne peut pas provoquer d'interférences et (2) cet appareil doit accepter Toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.