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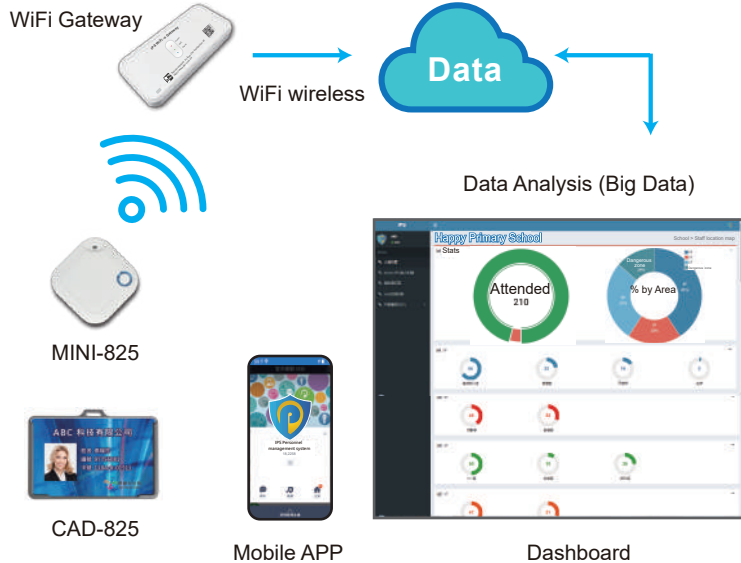
WiFi α Gateway

Small size gateway

Connect your beacon to the Internet easily

Use with exclusive beacon model are recommended in order to get even better performance !

Beacon's alive monitoring :

1. Set a specific time to broadcast mandatory signals in order to inform its liveness and battery level.
2. Daily inventory of all beacons automatically without human intervention.

IPS WiFi - α Gateway

- Power
- WiFi
- Server

Toudai
Setup required. Follow the instraction at www.akr.com.tw

WiFi Gateway

WiFi wireless

Data

Data Analysis (Big Data)

MINI-825

CAD-825

Mobile APP

Dashboard

Function

1 Power can be supplied from the Micro USB terminal. Prepare cables according to the installation location.

2 Push the collected data through Wi-Fi to the cloud.

3 Equipped with LED indicating status.

4 Connected to the backend system, data can be retrieved and used through API.

5 Applicable to various beacon, thus maximize the benefit of use.

Model / Specification	IPS-WiFi α IPS-BLE WiFi Gateway
Light indication	• Red LED (POWER LED) : Light on constantly after power on, (MCU works normally). • Green LED (WiFi LED) : Light on constantly after connecting to WiFi AP, otherwise flash. • Blue LED (TCP LED) : Light on constantly after connecting to the server, otherwise flash.
size	77H / 35W / 11D (mm)
weight	20g
working power	micro USB 5V (< 2W)
LED indicator	R.G.B x1
Receive distance (conservative value)	25m
Transfer method	USB(Micro type) & WiFi transmission
Water-proof	None (non-outdoor use)
Accessories	85～220vAC adpter / USB 5v1A x1 micro USB cable x1
Fixing method	Fasten or remove the hook and loop fastener
Advantage	• Plug and play. • Simple and convenient layout without the need for hand wiring.

Model / Specification	MINI-825 Hanging type Beacon	CAD-825 IPS-Card Beacon
Photo		
Size (with silicone sleeve)	44H / 59W / 7.4D (mm)	90.1H / 57W / 6.2D (mm)
Weight (including silicone sleeve, battery)	19.5g	26g
Waterproof and dustproof	IP68	×
Signal format	iBeacon	iBeacon
BLE Bluetooth version	BLE 4.2	BLE 4.2
Transmission distance	2~30m	2~60m
Daily timer	○	○
Vibration wake trigger	○	○
Battery Life	24 hour / 241 day	24 hour / 483 day
Advantage	• Vibration function : Can be configured either move or stay still to trigger broadcasting, thus saving power. • 24-hours cycle schedule. • Alive monitoring : inventory management (requires Gateway)	• Vibration function : Can be configured either move or stay still to trigger broadcasting, thus saving power. • Scheduled schedule : 24-hour cycle schedule. • Slot for standard sized ID card. • Built-in RFID (optional)