



PENGYOU GLOBAL SYSTEM & SERVICES P LTD

PYG 49A Beacon with Accelerometer Sensor



SPECIFICATIONS	
Material for shell	ABS+Silicone
Color	White/black
Size	Dia.40*15.7mm
Weight	25g
Accessory	N/A
Battery	CR2477 (replaceable)
Battery life	>48 Months (Based on Broadcast Interval 1s and TX power 0dBm)
Waterproof level	IP67
Main Features	
Support Protocol	◆Apple iBeacon
	◆Eddystone URL
	◆Eddystone UID
	◆Eddystone TLM
OTA	Support
Button	Internal button
LED	NA
Sensor	◆Acceleration sensor
Rechargeable	No(Its battery can be replaced)
Programmable parameters	◆Tx Power/Advtisement period/Lock password ;
	◆iBeacon UUID/Major/Mior ;
	◆Compatible with Eddystone, URL, UID(NamespaceID, SerialID)
Others	◆Support Non connection advertisment Mode
	◆Support Configuraton advertisment Mode
	◆Support Factory reset



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No.11A, 5/357, Sri Narayana Nagar,
Main Road, Kolapakkam Chennai - 600 128.



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Physical features	
Chipset	nRF52 series
BLE5.0	BLE5.0, Supportable(High throughput, Advertising Ext, Improved coexistence)
Wireless Frequency Band	2.4GHz
Transmitting range	◆BLE5.0 *100 meters in the open space.
	The range depends on physical environment.
Powered by	3V CR2477 coin battery
Display way	Beacon Gateway or via Phone App
Beacon Factory Default Setting	
iBeacon	◆UUID: 0x7777772E-6B6B-6D63-6E2E-636F6D000001
	◆MajorID:0x0001
	◆MinorID: 0x0001
Tx Power	0dBm
Broadcast interval	1000ms
Eddystone UID	◆Namespace ID: 6B6B6D636E2E636FD01
	◆InstanceID ID:0x00000000000001
Eddystone TLM	◆Battery voltage;
	◆Temperature;
	◆Advertisements count/Time since power-up
Working environment	
Working temperature	-40°C~+70°C
Storage temperature	10°C~+25°C, ≤65%RH



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