

Beacon & Sensor & RTLS RFID Active Components Line

New line of active RFID components. Series of devices for the identification of people or objects at long distance (up to 200 m) with Beacon + Wi-Fi technology. Very low consumption guarantee long life of the internal batteries which in some models are replaceable. Many products are also equipped with internal sensors.



BLE Sensors



Product Name	A4C6	A4C7	A4S1	A4E7	A4E8	A4E6
Frequency	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz
Power	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm
Interval Signal	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec
Range	50 m	100 m	100 m	100 m	50 m	50 m
Bluetooth version	5.0	5.0	5.0	5.0	5.0	5.0
Protocol	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone
Material / Color	ABS White	ABS White	ABS White	ABS White	ABS White	ABS Black
Weight	20g	18g	43g	21g	6,2g	6,5g
Size mm	40x31x11	90x60x4	71x38x18	39x16	37x24x5	43x24x5
Protection	IP65	IP65	IP65	IP67	IP54	IP65
Sensor	NFC	Accelerometer/NFC	Accelerometer Temperature Humidity	Accelerometer	Accelerometer/NFC	Light
Battery	CR2032 225mAH	LiPo 800mAH	AAA/FR03 1250mAH	CR2477 1000mAH	CR2032 225mAH	CR2032 230mAH
Battery Life	1 Year	3 Year	3 Year	3 Year	1 Year	5 Year
Operating Temp.	-20 +60 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C
Certification	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi
Notes			Standard Case	Replacement Battery	Very Compact	Very Compact

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Preliminary

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BLE Beacon

Beacon

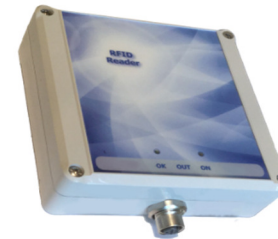
Product Name	A4I3	A4D15N	A4I7	A4E2	A4E9	A4I9
Frequency	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz	2,45 GHz
Power	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm	-30 to 4 dBm
Interval Signal	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec	0,1 – 10 sec
Range	200 m	50 m	100 m	200 m	100 m	50 m
Bluetooth version	5.0	5.0	5.0	5.0	5.0	5.0
Protocol	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone	iBeacon
Material / Color	ABS Black/White	ABS White	ABS White	ABS Black/White	ABS Black	ABS White
Weight	80g	7g	26g	109	24	5g
Size mm	72x45x22	35x8	50x15	72x72x18	58x41x17	26x5
Protection	IP66	-	IP65	IP66	IP67	-
Sensor	-	-	-	-	-	-
Battery	AA / LR6 2200mAH	CR2025 165mAH	CR2477 1AH	AA/LR6 4400mAH	CR2477 1AH	CR2016 80mAH
Battery Life	6 Years	8 Months	3 Years	10 Years	3 Years	2 Months
Operating Temp.	-20 +55 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C	-20 +60 °C
Certification	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi	CE – FCC - MFi
Notes	Replacement Battery		Replacement Battery	Replacement Battery	Replacement Battery	

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BLE Gateway



Product Name	A4G1		A2122BLE	A2098BLE	A2088BLE
Frequency	2,45 GHz		2,45 GHz	2,45 GHz	2,45 GHz
Power	5 Vdc +- 5%		8-30 Vdc	5 Vdc +- 5%	5 Vdc +- 5%
Current	330 mA max		250 mA max	250 mA max	250 mA max
Range	300 m		100 m	100 m	100 m
Mode	BLE > WIFI		BLE > COM	BLE > COM	BLE > COM
	BLE > COM		-	-	-
Interface	ETH TCP/IP PoE		ETH TCP/IP	RS232	RS232
	-		RS232 - RS485	USB VC - USB ET	USB VC - USB ET
	-		USB VC - USB ET	-	-
Protocol	iBeacon + Eddystone		iBeacon + Eddystone	iBeacon + Eddystone	iBeacon + Eddystone
Material/Color/Weight	ABS White 180g		ABS Grey 200g	ABS Grey 150g	ABS Grey 150g
Size mm	150x150x36		122x120x37	98x64x38	88x56x18
Protection	IP54		IP65	IP65	IP54
Operating Temp.	-25 +65 °C		-25 +65 °C	-25 +65 °C	-25 +65 °C
Certification	CE – FCC - MFi		CE – FCC	CE – FCC	CE – FCC
Notes	Software Demo		Software Demo	Software Demo	Software Demo