

INVENGO INTELLIFI SMARTSPOT



About Invengo-Intellifi Smartspot

The Invengo-Intellifi Smartspot enables new localization applications in a flash. Combining powerful passive RFID and active Bluetooth Low Energy technology with web based services. With the Invengo-Intellifi Smartspot, Identification and Localization solutions can be realized smarter and faster than ever before. Technical features like PoE (Power over Ethernet) simplify deployment and dramatically reduce costs by eliminating the need for AC outlet installation at read points.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Plug & play overhead RAIN RFID (UHF) Reader with Integrated dual pole Antenna
- PoE
- iBeacon BLE
- GPIO
- 500+ square foot coverage

All features and specifications described are subject to change without notice.

Product Specifications

RAIN RFID (UHF)

Supported Protocols	EPC Global UHF Class1 GEN2, ISO/IEC 18000-63
Frequency	ETSI: 865,6 to 867,6 MHz FCC: 902 to 928 MHz Up to > 10m (tag depending)
Compliance	EN 302208-2
Output Power	11- 36dBm ERP
Chipset	Impinj R2000

Bluetooth

Supported Protocols	Bluetooth Low Energy (BLE)
iBeacon support	Intellifi Smart Beacon support
Compliance	EN 300328
Output Power	up to +8 dBm EIRP

Communication

Interface	Web services through Intellifi Brain
Data Exchange	Json - www.json.org web service API
Ethernet	RJ45
Antenna Ports	4x SMA female (6x SMA female optional)
Optically Isolated GPIO	2x input 5-24V, 2x output max 300mA

Environmental

Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Storage Temperature	-40°C to 75°C (-40°F to 167°F)
IP Rating	IP20 (contact us for IP65)

Physical Parameters

Dimensions	280 x 280 x 75 mm (11.02 x 11.02 x 2.95 in)
Weight	1,25 kg (2,75lbs)
Mounting	VESA 100 (100 x 100 mm)

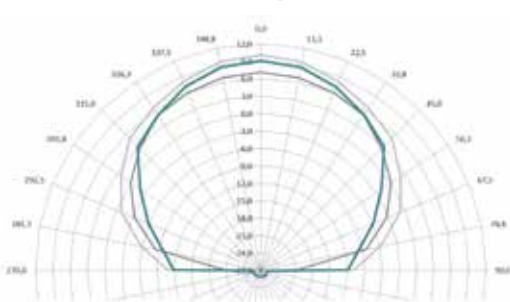
Power Sources

Adapter	12V – 15V (24V with converter)
Power over Ethernet	IEEE 802.3af
Power Consumption	7.6W at 27dBm (DC)

Order Information

Product Code	XC-II10020
Box Size	365 × 310 × 80 mm (14.4 x 12.2 x 3.15 in)
Weight Box	1,8 kg (3.97lbs)

Antenna radiation pattern



Application example

- Tracking of beds and IV pumps and people
- Office space management
- Customer engagement & personal interaction
- Parts tracing and tool tracking
- Smart cabinets



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