

Intellifi Smartspots enable new localization applications in a flash. They combine powerful passive RFID and active Bluetooth Low Energy technology with web based services. With Intellifi Smartspots, Identification and Localisation solutions can be realized smarter and faster than ever before.

The unique form factor allows effortless installation because the Smartspots can easily be integrated in suspended ceiling systems. Technical features like PoE (Power over Ethernet) simplify deployment and dramatically reduce costs by eliminating the need for AC outlet installation and read points.

Markets & applications



HEALTHCARE

Tracking of beds and IV pumps and people



LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Parts tracing and tool tracking



EVENT / OFFICE MANAGEMENT

Participant registration & space management



RETAIL

Customer engagement & personal interaction



LAUNDRY

Smart cabinets

Key benefits

Powerful UHF and BLE reading capabilities with cloud ready web services enabling easy integration

Plug & play – easy to mount and deploy

Unprecedented affordability and low Total Cost of Ownership



PLUG&PLAY SMARTSPOT

Product details & generic specifications



localization & identification | easy & affordable

Product details

COMMUNICATION INTERFACE

DATA EXCHANGE

SERVICES

ETHERNET

ANTENNA PORTS

OPTICALLY ISOLATED GPIO

TEMPERATURE

POWER CONSUMPTION

POWER SOURCES

UHF RFID

UHF RFID ANTENNA

READ RANGE / AREA

COMPLIANCE

BLUETOOTH LOW ENERGY (BLE)

DIMENSIONS

WEIGHT

MOUNTING

IP-CLASS

PACKAGING

Generic specifications

Web services through Intellifi Brain

Json - www.json.org

Presences, proximities

RJ45 - Supporting power over ethernet: IEEE 802.3af

4x SMA female

2 inputs, 5-24V

Operating -25C to +60C

7.6W at 27dBm

External:

PoE:

Protocol:

Output power:

Frequency range:

Chipset:

Integrated dual pole antenna

Up to > 10 m (depending on tag and antenna)

ETSI EN 302208-1

FCC part 15

Frequency range:

Output power:

Compliance:

iBeacon support

Smartspot

280*280*75mm

1,25 kg

VESA (100*100mm)

IP20 (contact us for IP65)

Box size: 365*310*80mm

Weight: 1,8 kg

Web service API

Sence & Control, List sets

Optional 6x SMA female

2 outputs, max. 300mA

Storage -40C to +75C

+/- 10% (at 12V power supply)

12V-15V DC (24V with converter)

110V-230VAC (power adapter supplied)

PoE-, 802.3af

EPC Global UHF Class1 GEN2,
ISO/IEC 18000-63

11-36dBm ERP

ETSI - 865.6-867,6 MHz

FCC - 902-928 MHz

Impinj R2000

(dual linear)

Up to 75m² (radius up to 5m at 4m height)

EN 302208-2

IC (Industry Canada)

2,4 GHz

up to +8 dBm EIRP

EN 000328

Intellifi Smart Beacon support

FORM FACTORS



ANTENNA RADIATION PATTERN

