

# SMARTSPOT FOCUS

Easier identification, faster implementation, lower costs

The Intellifi Smartspot Focus enables new and more accurate localization applications in a flash. Combining powerful passive RFID localization with directionality and active Bluetooth Low Energy technology on top of easy to use web based information services. The Smartspot Focus allows for high speed inventories. It supports zone based localization with up to 16 zones by one single unit, ensuring Identification and Localization 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 cealing 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

Accurate inventories of medical disposables & tracking of medical assets



# LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Large area monitoring and tracking of parts and tools



#### RETAIL

Fast inventories & apparel tracking



#### LAUNDRY

High density laundry inventories

## Key benefits

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

Faster inventories by a powerful auto focus multi beam antenna

Simple item localisation by using micro zoning technology

Plug & play – easy to mount and deploy

Unprecedented affordability and low Total Cost of Ownership







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# SMARTSPOT FOCUS

Product details & generic specifications



Prod	luct	detai	Ιc

COMMUNICATION INTERFACE

DATA EXCHANGE

SERVICES

ETHERNET

OPTICALLY ISOLATED GPIO

TEMPERATURE

POWER CONSUMPTION

POWER SOURCES

**UHF RFID** 

UHF RFID ANTENNA

READ RANGE / AREA

COMPLIANCE

DIMENSIONS

BLUETOOTH LOW ENERGY (BLE)

Generic specifications

Web services through Intellifi Brain Web service API

Json - www.json.org

Presences, proximities Sence & Control, List sets

RJ45 - Supporting power over ethernet: IEEE 802.3af

2 inputs, 5-24V 2 outputs, max. 300mA

Operating -25C to +60C Storage -40C to +75C

7.6W at 27dBm +/- 10% (at 12V power supply)

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

110V-230VAC (power adapter supplied)

Up to 150m<sup>2</sup> (radius up to 7m at 4,5m height)

PoE: PoE-, 802.3af

Protocol: EPC Global UHF Class1 GEN2,

ISO/IEC 18000-63

Output power: 11-36dBm ERP

Frequency range: ETSI - 865.6-867,6 MHz FCC - 902-928 MHz

Chipset: Impinj R2000

25 dual linear polarized antennas

Up to > 10 m (depending on tag and

antenna)

ETSI EN 302208-1

FCC part 15

Frequency range:

Output power:

Compliance:

iBeacon support

EN 302208-2

IC (Industry Canada)

2,4 GHz

up to +8 dBm EIRP

EN 000328

Intellifi Smart Beacon support

**Smartspot Focus** 

595\*595\*75mm

WEIGHT 5 kg

MOUNTING Fits in ceiling tile (600mm sq.) &

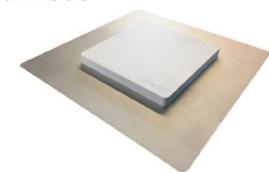
VESA (100\*100mm)

IP-CLASS IP20 (contact us for IP65)

PACKAGING Box size: 650\*700\*80mm

Weight: 5,4 kg

FORM FACTORS



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