# intellifi
localization & identification | easy & affordable

## 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

**Bluetooth 4.0** Low Energy    **iBeacon**    **RAIN RFID**

# SMARTSPOT FOCUS
## Product details & generic specifications

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## Product details

## Generic specifications

| | | |
|---|---|---|
| COMMUNICATION INTERFACE | Web services through Intellifi Brain | Web service API |
| DATA EXCHANGE | Json - www.json.org | |
| SERVICES | Presences, proximities | Sence & Control, List sets |
| ETHERNET | RJ45 - Supporting power over ethernet: | IEEE 802.3af |
| OPTICALLY ISOLATED GPIO | 2 inputs, 5-24V | 2 outputs, max. 300mA |
| TEMPERATURE | Operating -25C to +60C | Storage -40C to +75C |
| POWER CONSUMPTION | 7.6W at 27dBm | +/- 10% (at 12V power supply) |
| POWER SOURCES | External:<br><br>PoE: | 12V-15V DC (24V with converter)<br>110V-230VAC (power adapter supplied)<br>PoE-, 802.3af |
| UHF RFID | Protocol:<br><br>Output power:<br>Frequency range:<br><br>Chipset: | EPC Global UHF Class1 GEN2,<br>ISO/IEC 18000-63<br>11-36dBm ERP<br>ETSI - 865.6-867,6 MHz<br>FCC - 902-928 MHz<br>Impinj R2000 |
| UHF RFID ANTENNA | 25 dual linear polarized antennas | |
| READ RANGE / AREA | Up to > 10 m (depending on tag and antenna) | Up to 150m² (radius up to 7m at 4,5m height) |
| COMPLIANCE | ETSI EN 302208-1<br>FCC part 15 | EN 302208-2<br>IC (Industry Canada) |
| BLUETOOTH LOW ENERGY (BLE) | Frequency range:<br>Output power:<br>Compliance:<br>iBeacon support | 2,4 GHz<br>up to +8 dBm EIRP<br>EN 000328<br>Intellifi Smart Beacon support |

## Smartspot Focus

| | | |
|---|---|---|
| DIMENSIONS | 595*595*75mm | FORM FACTORS |
| 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<br>Weight: 5,4 kg | |