

Easier to use | faster implementations | lower costs

The Intellifi i4 reader is a high performance 4 port industrial RFID reader. It combines powerful passive RFID with an easy to use SDK. With the i-4 reader RFID solutions can be realized smarter and faster than ever before.

The Smartspot i4 allows to connect up to 4 antennas and is ideally suited for traditional portals, smart cabinets and laundry applications. Technical features like PoE (Power over Ethernet) simplify deployment and dramatically reduce costs by eliminating the need for AC outlet installation at read points.

Markets

- Healthcare
- Retail
- Logistics and Supply Chain Management
- Laundry

Application example

- Automatic inventories in smart cabinets
- Work in progress monitoring
- Smart cabinets
- RFID portals up to 4 antennas

Key benefits

- Powerful UHF reading capabilities—low loss multiplexer
- Easy integration - .NET SDK (optionally Brain API web services)
- Plug & play — easy to mount and deploy
- Unprecedented affordability and low total cost of ownership



Product details

generic specifications

Communication interface	.NET SDK— event based		(Optional Cloud Brain API)
TCP/IP connectivity options	HTTP Client mode	TCP Server mode (Telnet)	
Services	Presences, Proximities,	Sense & Control, List sets	
Ethernet	RJ45—supporting PoE	IEEE 802.3af	
Antenna ports	4 x SMA female	Impedance: 50 Ohm	Return loss: 10dB or better
Optically isolated GPIO	2 inputs, 5-24V	2 outputs, max. 300mA	
Temperature	operating: -25 °C to + 60 °C	storage -40 °C to + 75 °C	
Power consumption	< 10 Watt at peak	+/- 10% (at 12V power supply)	
Power sources	External:	12V - 15V DC (24V with conv.)	
		110V-230VAC (adapt. Incl.)	
	PoE:	PoE, 802.3at	
UHF RFID	Protocol:	EPC Global UHF Class1 GEN2	ISO/IEC 18000-63
	Output power:	5- 30dBm	
	Frequency range:	ETSI - 865.6 – 867.6 MHz	
		FCC - 902 - 928 MHz	
	Read range:	Up to >10 m (depending on tag and antenna)	
	Chipset:	Impinj R2000	
Compliance	ETSI EN 302208-1	EN 302208-2	

Smartspot i-4

Dimensions 176mm x 170mm x 30mm (excluding connectors)

Form-factor



Weight Approx. 0,5kg

Mounting Mounting brackets included

IP-class IP20

