intellifi

localization & identification | easy & affordable
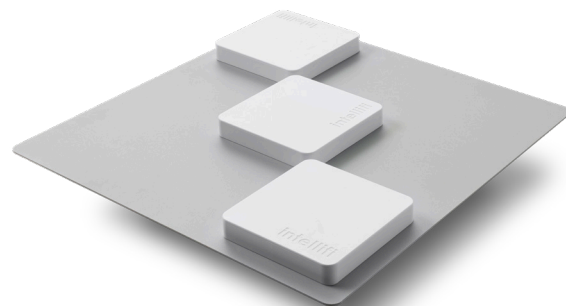
Product details

Generic specification

CONNECTIVITY MODE	Brain server client, WebSocket/http client, tcp server
DATA EXCHANGE	JSON
DEVICE WEB PORTAL	Yes (IP settings)
SERVICES	Presences, Hits, Sense&Control, Spotsets
CONNECTIVITY INTERFACES	RJ45 Ethernet (100Mbit)
OPTICALLY ISOLATED GPIO	Externally powered (5-24VDC), 2x inputs & 2x outputs (switched, max 300mA)
TEMPERATURE	Operation -25C to +60C, Storage -40C to +75C
POWER CONSUMPTION	12W peak, 11W continues.
POWER SOURCES	PoE (IEEE 802.3af), 12-15VDC
COMPLIANCE	ETSI EN 302208-1 EN 302208-2
IP-CLASS	IP30

UHF RFID

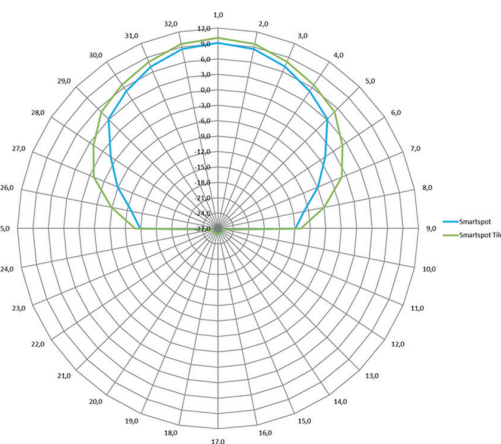|	
PROTOCOL	EPCglobal UHF Class1 GEN2, ISO/IEC 18000-63
READ RANGE	Up to > 10m (depending on tag and antenna) up to 100m²(radius 5.5m, mounting height 4.5m)
OUTPUT POWER	Antenna ports 5-30dBm, built-in antennas 11-36dBm ERP
FREQUENCY RANGE	ETSI - 865.6-867.6MHz, FCC - 902-928MHz
ANTENNA PORTS	2x SMA Female (50 Ohm)
BUILT-IN ANTENNAS	6x Linear-polarized (3x horizontal, 3x vertical)
CHIPSET	Impinj R2000
COMPLIANCE	ETSI EN 302208 v3.1.1, ETSI EN 302208-1, ETSI EN 302208-2, FCC Rule Parts 15c

BLUETOOTH LOW ENERGY (BLE)

SUPPORTED PROTOCOLS	iBeacon, Intellifi Bluetitan, Eddystone (UID)
RANGE	Up to 150m LoS, up to 50m indoor (depending on tag and setup)
OUTPUT POWER	Up to +8dBm EIRP
FREQUENCY	2,4 GHz
ANTENNA PORTS	None
BUILT-IN ANTENNAS	2x BLE (transceiver, receiver)
CONCURRENT CONNECTIONS	8x Relay BLE
CONCURRENT CHANNEL MONITORING	3x Parallel on 37, 38, 39
COMPLIANCE	EN 000328

DIMENSIONS AND WEIGHT

DIMENSIONS (WxHxD)	595mm x 595mm x 77mm / 23.4" x 23.4" x 3"
WEIGHT	4.7kg / 10.4lbs
MOUNTING	VESA 100 M4 threaded (100x100mm / 3.94" x 3.49")
INCLUDED IN PACKAGE	100-240VAC to 12VDC universal power adapter, reset tool, pluggable 8-pin terminal block, 4x M4x12mm

COMPATIBLE PRODUCTS

INTELLIFI COMPATIBLE PRODUCTS	Antenna RFID, Relay BLE, Bluetitan

ANTENNA RADIATION PATTERN

Bluetooth 5.2
Low Energy

iBeacon

RAIN RFID