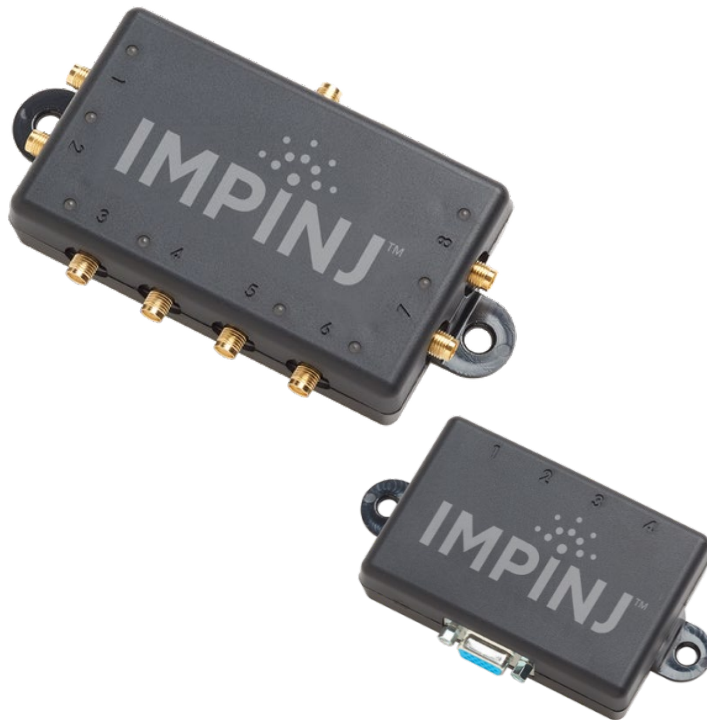


# UHF ANTENNA HUB

Antenna HUB to expand the number of antennas that can be connected to an Impinj SR420 or SR220 reader

A-UHF-SR-HUB



## Product info

- Expands one reader antenna port to connect and control up to eight antennas
- Allows to connect up to 32 antennas to a single 4ports reader
- Quick and easy installation
- Fully compatible and configurable with DM-Cloudburst

## Product Description

The Impinj antenna hub enables RAIN RFID solutions that require multiple read zones.

By allowing eight antennas to be connected to one antenna port, the antenna hub expands the number of antennas that can be connected to an Impinj reader up to 32 antennas per reader.

The A-UHF-SR-HUB-KIT is the “starter kit” as it includes everything is needed to expand the number of antennas connected to a single port up to 8, while the A-UHF-SR-HUB-EXT is the extension kit for those who already own a A-UHF-SR-HUB-KIT and need to expand another port of the reader up to 8 antennas.

By using the antenna HUB on a SR220 or SR420 reader, both the serial communication and the I/O can no longer be used.

# UHF ANTENNA HUB

## A-UHF-SR-HUB

### Technical data

Dimensions (L x W x H)	Antenna HUB: 102 x 61 x 24 mm (4" x 2.4" x 1") GPIO adapter: 92 x 61 x 21 mm ( 3.5" x 2.4" x 1")
Weight	Antenna HUB: 0.1 kg GPIO adapter: 0.08kg
Storage temperature range	-20 °C to +85 °C (-4 °F to 185 °F)
Operating temperature range	-20 °C to +50 °C (-4 °F to 122 °F)
Humidity range	5 % to 95 %, non-condensing
Operating frequency range	860-960 MHz
Input	1 RF Input: SMA female
Output	8 RF Input: SMA female
Other connections	Antenna HUB: 1 digital I/O (RJ45) for the connection to the GPIO adapter GPIO adapter: 4 digital I/O (RJ45) one for each Antenna HUB
Max input power	34dBm
Antenna port numbering	1-32 on antenna hubs 1, 9, 17, 25 on native reader ports
Included access. A-UHF-SR-HUB-KIT	GPIO adapter kit with GPIO cable Antenna HUB 1m, RP TNC male and SMA male cable 1m, Cat5 1:1 Patch cable
Included access. A-UHF-SR-HUB-EXT	Antenna HUB 1m, RP TNC male and SMA male cable 1m, Cat5 1:1 Patch cable
Warranty	1 year

## Ordering information

A-UHF-SR-HUB-KIT (Starter kit)	800 3075-830
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A-UHF-SR-HUB-EXT (Extension kit)	800 3075-831
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## Optional accessories

Adapter RP-TNC(female) to sma(male) (One adapter needed for each output to be used)	309 5005-161
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