



## Speedway Antenna Hub (8 antennas per Antenna)

Impinj's Speedway® Antenna Hub provides a low-cost opportunity to drive many antennas from a single fixed RAIN RFID reader. Connect up to 32 antennas to a single Speedway R420 reader and up to 8 antennas to a single Speedway R120 reader.

The Speedway Antenna Hub makes RAIN RFID monitoring applications requiring many antennas, including large contiguous read zones and smart shelves, cost-effective and easy to deploy.



# Technical Description

## Functionality & Operation

Antennas, Antenna inputs	1-32 on Antenna Hubs; 1, 9, 17, 25 on native reader ports
Connectors	SMA female
Frequency	UHF: 860 - 960 MHz

## Electrical

Power Source	5V provided by the GPIO Adapter, 25mA (80mW) max
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## Mechanical

Dimensions	Width: 102mm, Height: 61mm Length: 24mm
Weight	100g

## Environment

Operating temperature	-40 to 80°C
Operating humidity (non-condensing)	5 to 95%
Ingress protection	IP52

## Others

Certifications	CE, FCC, RoHS
Application software	LLRP Tool Kit (LTK), Speedway Development Kit (SDK)
Recommended software	Impinj ItemTest

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