



IDentity ZiP-Antenna



Features:

- **Multiple Antennas**

Up to four antennas per reader.

- **Dual Aperture Antennas**

Both send and receive elements are in one enclosure facilitating ease of installation.

- **Paintable Surface**

Each **IDentity ZiP** antenna (factory color gray PVC) has the unique capability to blend with its environment. Apply a coat of PVC compatible non-metallic paint and the antenna can conform to facility color code requirements.

IDentity ZiP Antenna

Overview

The **IDentity ZiP** remote antenna is an all-weather dual-aperture (transmit & receive) antenna. Connected to the **IDentity ZiP** reader, the antenna can be remotely located at a distance of up to 75 feet.

The **IDentity ZiP** antenna measures 12" x 30" x 2" and comes with a universal mounting bracket for ease of installation. Mounting options include pole/wall and overhead ceiling mounting brackets for installation flexibility.

Multiplexing

The **IDentity ZiP** reader has a built in antenna-multiplexing feature which allows up to four antennas (read points) to be controlled by a single reader, significantly lowering the cost per lane.



Authorized SIRIT Dealer



900 MHz Antenna - IDentity ZiP

Automatic Vehicle Identification (AVI)

Physical specifications

Operating Frequency:	912.5 - 920.5 MHz
Gain:	6 dB
Impedance:	50 ohms
Working Range:	Set by reader and antenna configuration up to 5.48m (18 ft)
Size (WxHxD):	30 x 70 x 5 cm (12 x 30 x 2")
Weight:	3.54 kg (7.8 lbs)
Storage Temperature:	-40°C to +114°C (-40°F to 237°F)
Operating Temperature:	-25°C to +85°C (-13°F to 185°F)
Humidity:	85% non-condensing @ 85°C
Case material:	Anodized aluminium, welded with PVC face (raydome) Antenna can be painted with non-metallic paints
Installation:	It is recommended that the antenna be mounted 2.4-4.6m (8-15ft) above ground level - refer to installation manual for detailed instructions
Connectors:	2 x chassis mount N-type female
Cable Requirements:	Belden 9913 (Maximum distance from reader 22.8m (75ft))

Ordering information

IDentity ZiP Antenna:	IDZIP-ANT-01 (complete with Universal Mounting Bracket)
Pole/Wall Mounting Bracket:	IDZIP-ANT-WMB
Ceiling Mounting Bracket:	IDZIP-ANT-CMB
9913 Connector Kit:	IDZIP-ANT-CONN-9913
Cable Converter Kit:	IDZIP-ANT-CABLECON
Weather Proofing Kit:	IDZIP-CON-WKIT

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