

INVENGO TR-SA HF STACK ANTENNA



About Invengo's TR-SA Robust HF Stack Antenna

Invengo's TR-SA Stack Antenna is a robust high-frequency (HF) RFID antenna designed specifically to identify and track stacked RFID-tagged items. Its precise multi-read capabilities and rugged package make it ideal for industrial environments where accuracy, efficiency and durability are required.



Invengo's Textile Services division provides an innovative and highly performant IoT Linen Inventory Management Platform (ACUITY), enabling the industrial Laundry industry worldwide as well as their Hospitality and Healthcare customers, to gain continuous access to real-time inventory visibility/availability of their textile assets and to make intelligent business decisions to increase their profitability.

Invengo Technology Pte. Ltd. (Singapore) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID/IoT oriented companies in the world.

Key Benefits

- Robust table-top antenna
- Large detection area
- Ideal to read items in stacks
- Delivered with removable ergonomic guides

Product Specifications

Electrical

Operating Frequency	13,56 MHz
Protocols Supported	ISO15693, ISO 18000-3 Mode I, NXP ICODE I
RF Input Power	Nominal 2W
Cable	3,50 m (11.5 ft) built-in coaxial cable. Cable extension possible.
Connector Type	BNC
Reader Compatibility	Invengo Medio L40

Mechanical

Dimensions of internal antenna	440 x 350 mm (17.3 x 13.8 in)
Dimensions of packaged antenna	650 x 440 x 18 mm (25.6 x 17.3 x 0.7 in)
Weight	1,5 kg (3.3 lbs)
Casing	Black polystyrene
Operating Temperature	0°C to 40°C (32°F to 104°F)
Other specifications	Mounting kit with guides

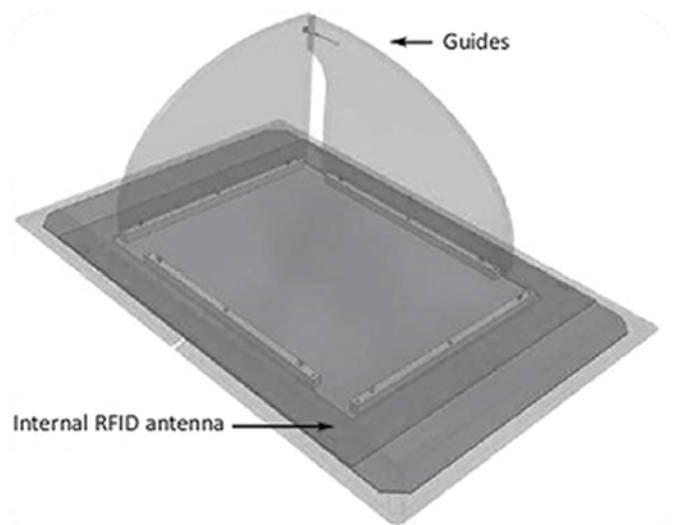
Product reference	DDP11102
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Additional Information

Invengo's TR-SA Stack Antenna is easily mounted on laundry work tables. It offers a large detection area for all types of stacked RFID-tagged textile products such as garments, linens and mops.

The Stack Antenna features removable ergonomic guides to easily handle stacked items. Typically used with Invengo's Medio long range readers, it accurately reads up to 20 folded items, the equivalent of a 20 cm high stack (12 in). It is shipped with a cable and BNC connectors.

Thanks to Invengo's extensive cross-industry experience designing, manufacturing and integrating RFID infrastructure systems, we offer high quality, competitively priced antennas adapted to a variety of applications. Invengo's RFID antennas are available as OEM boards, PCB-based loops and light handheld inventory wands.



APAC

Invengo Technology Pte. Ltd
10 Kallang Avenue
#05-15 Tower 2, Aperia
Singapore 339510

Office: +65 6702 3909
sales.textile@invengo.com

Americas

Invengo Technology Corp.
2700-160 Sumner Blvd.
Raleigh, NC 27616
United States of America

Office: +1 919 890 0202
sales.textile@invengo.com

EMEA

Invengo Technologies
180 Voie Ariane – Athéla 1
13600 La Ciotat
France

Office: +33 413 96 1111
sales.textile@invengo.com