

Product information

Model Number: IDA-1000

The IDA-1000 is a low cost RFID antenna for use with Sensormatic RFID readers. With an ultra-thin form factor and a focused read range, the IDA-1000 series antennas now enable retailers to cost-effectively add RFID read points to the Point of Sale, Kiosks, Stockrooms, countertops and other areas where space is limited,

The antenna supports these installation configurations:

- Free-standing on a counter or table top.
- Mounted to a wall.
- Mounted under the counter.

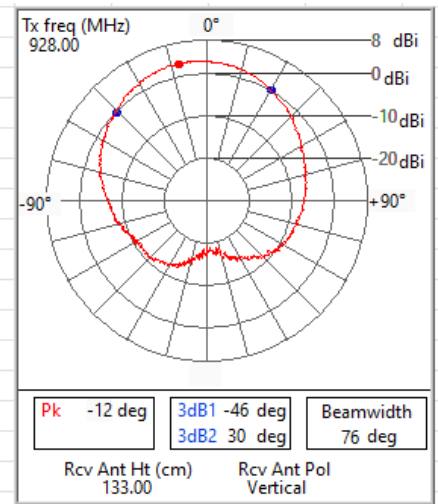
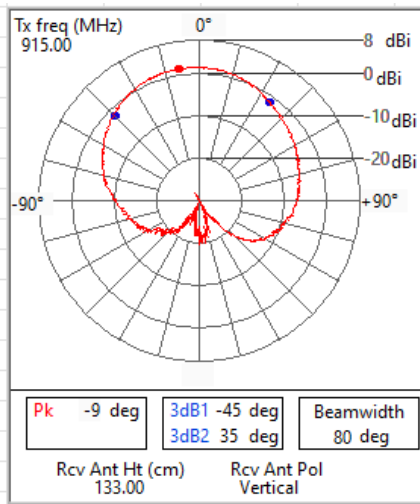
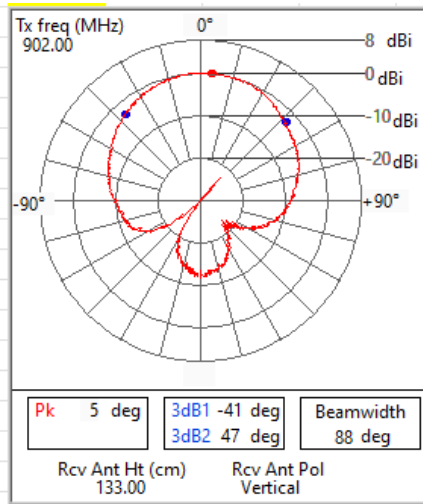
Product code	Description
IDA-1000-US-RS	915 Mhz Tuning, reverse polarity SMA connector.
IDA-1000-EU-RS	868 MHz Tuning, reverse polarity SMA connector

Table 1: Product codes

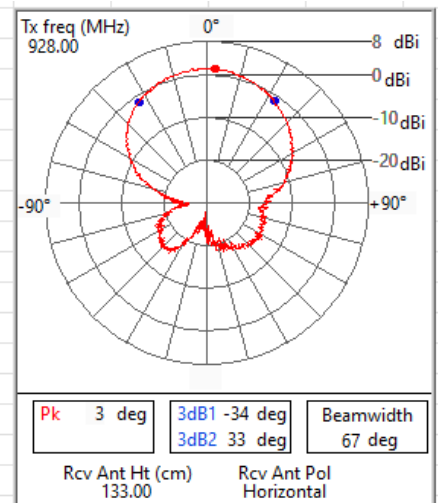
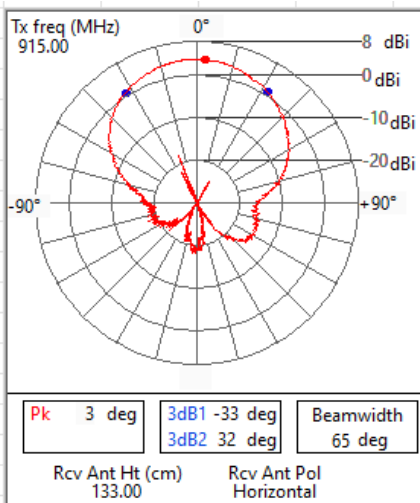
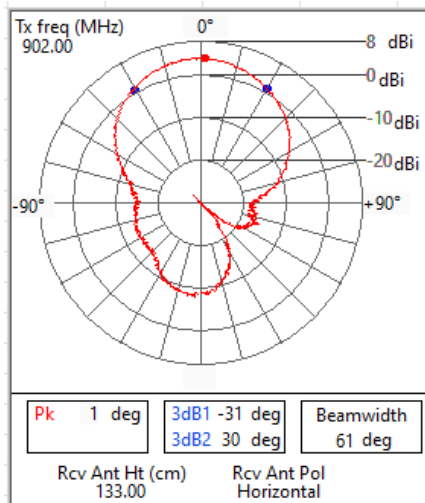
Specification	Description
Operating frequency	IDA-1000-US 902–928MHz IDA-1000-EU 865–868MHz
Antenna technology	Patch
Radiation pattern	See below
Gain (Max)	4.5 dBi
Voltage standing wave ratio (VSWR)	<2.0 (50 Ohms)
Beam width; AZ or EL	3dB width <90°
Polarization	Circular; right hand circular polarization (RHCP)
Input impedance	50 Ω
Connector	RP-SMA
Regulation	ROHS: EU Directive 2015/863 WEEE: EU Directive 2012/19/EU REACH: EC No 1907/2006 ETSI EN 302 208
IP rating	Indoor antenna IPX0
Temperature range	Operating: –20° to 70°C (–4° to 158°F) Storage: –40° to 70°C (–40° to 158°F)
Humidity	0–90%
Dimensions	Height 8.5in (21.6cm) Width 8.5in (21.6cm) Depth 0.6in (1.5cm) Weight 0.4kg (0.9 lbs) Cable length 2.4m (8ft)

Antenna weight	230 g (8.11 oz)
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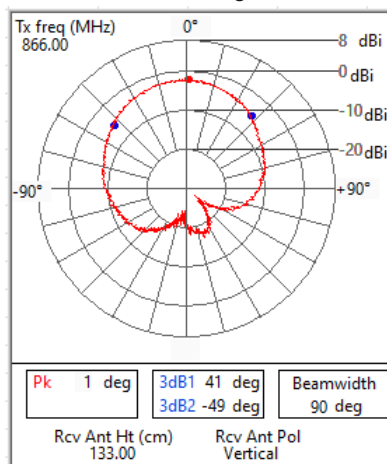
Antenna radiation patterns



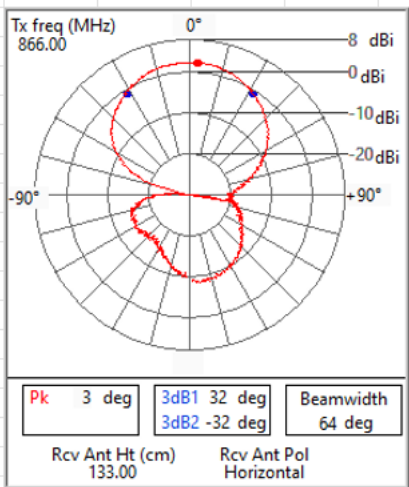
Above: 915 Tuning Vertical



Above: 915 Tuning Horizontal

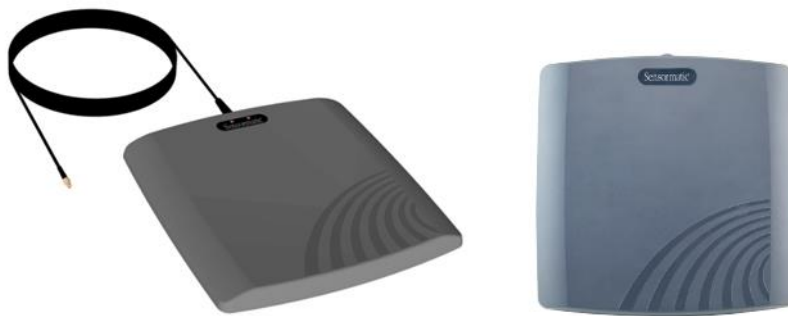


Above: 866 Tuning Vertical



Above: 866 Tuning Horizontal

Product images



Other declarations

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