

nordicidsampo

The Nordic ID Sampo family is a product line of high performance and multi usable RFID readers. The readers are designed to fill the needs of the areas of point-of-sales, document tracking, access control, tag programming stations, smart shelves as well as smart displays and inventory management.

The reading range of the Nordic ID Sampo readers can be adjusted from a few centimeters up to 7-8 meters. This, together with the versatile reading settings, makes Nordic ID Sampo S1 suitable for a vast number of applications.

Together with the Nordic ID mobile computers the Nordic ID Sampo family provides a complete RFID hardware solution for all purposes.



NORDIC ID SAMPO S0

UHF RFID	
Frequency band	ETSI 865 - 868 MHz
Gain	ETSI: 7.0 dBic/5.0 dBi
Beam width (-3 dB)	80°
Polarization	RHCP
Input impedance	50 Ω
VSWR	< 1.5:1
Maximum input power	10 W (40 dBm)
Efficiency	87 %
Connector	SMA female
SIZE AND WEIGHT	
Dimensions	(W) 200 x (L) 260 x (H) 25 mm (W) 7.9 x (L) 10.2 x (H) 1.0 inch
Weight	438 g (15.4 oz)
ENVIRONMENT	
Operating Temperature	-20°C to 55°C (-4°F to 130°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)

Nordic ID Sampo S0 is a high performing antenna specifically designed for RFID applications. With the antenna it is easy to expand the reading coverage and improve the performance of the RFID system.

Due to the antenna's flat and sleek design it fits perfectly together with the Nordic ID Sampo S1 reader forming a coherent RFID reading system specifically for fashion and retail use.

PRODUCT HIGHLIGHTS

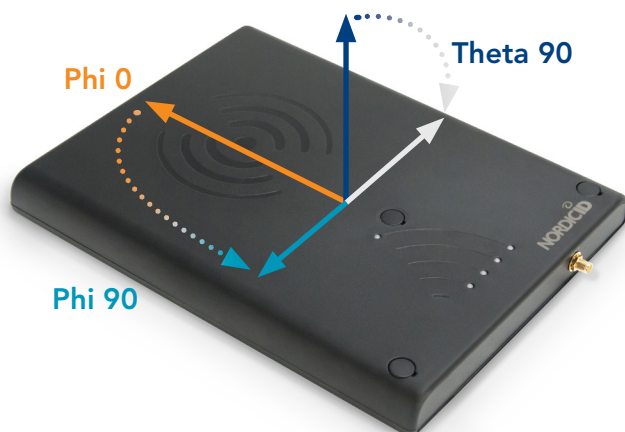
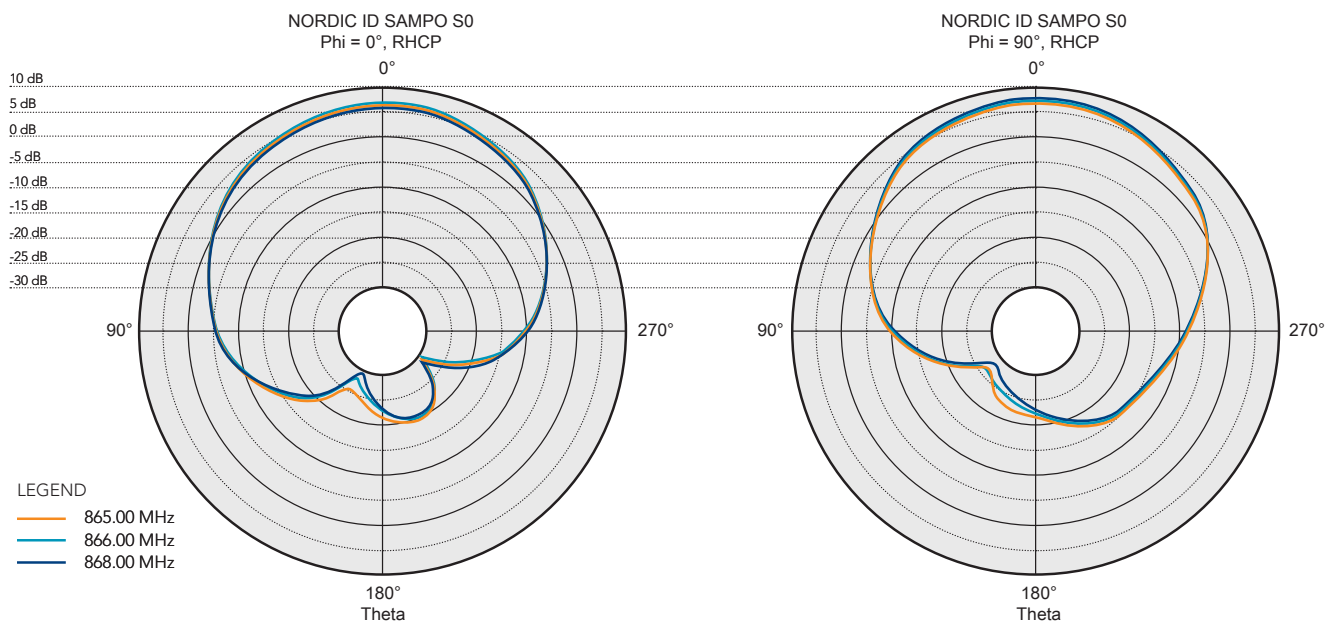
- High performance UHF RFID antenna
- Flat and elegant design
- Easy to install
- 2 year warranty

SUITABLE APPLICATION AREAS

- Smart shelves
- Inventory management
- Access control
- Document tracking
- RFID gates
- EAS



RFID RADIATION PATTERN



MOUNTING OPTIONS



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