



# NORDIC ID GA30



Nordic ID GA30 is a general-purpose antenna with a very high gain and is ideal for harsh environments where IP rating is needed. This antenna can be mounted directly on all surfaces, even metal, without compromising UHF RFID reading performance. Nordic ID GA30 is a global band antenna with real circular polarization, enabling it to be used at its maximum performance in any region worldwide and with any tag orientation. The modular fixed reader Nordic ID FR22 attaches natively to the back of the Nordic ID GA30.

## UHF RFID

Frequency band	Wide band 865 MHz - 928 MHz
Gain	10 dBic
Beam width (-3 dB)	50° / 50°
Polarization	RHCP
Input impedance	50 Ω
VSWR	< 1.5:1
Maximum input power	2W
Front-to-back ratio	20 dB
Axial ratio	< 0.5 dB
Connector	SMA Female connector

## SIZE AND WEIGHT

Dimensions	(W) 300 x (L) 300 x (H) 33.2 mm / (W) 11.8 x (L) 11.8 x 1.3 inch
Weight	860 gr / 30.34 oz

## ENVIRONMENT

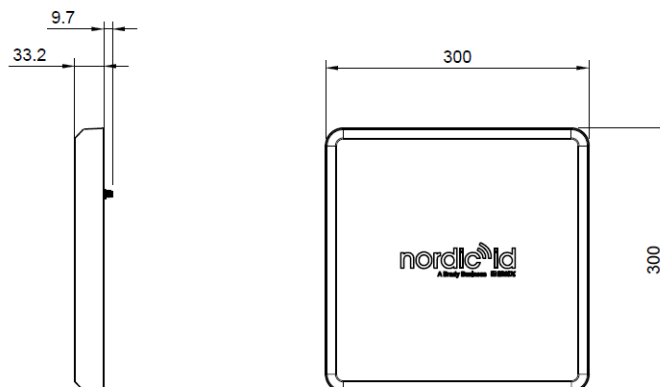
Operating Temperature	-20°C to 55°C (-4°F to 130°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Environmental Sealing	IP65



All information is subject to change without prior notice.

## ANTENNA DIMENSIONS

(in millimeters)



## PRODUCT HIGHLIGHTS

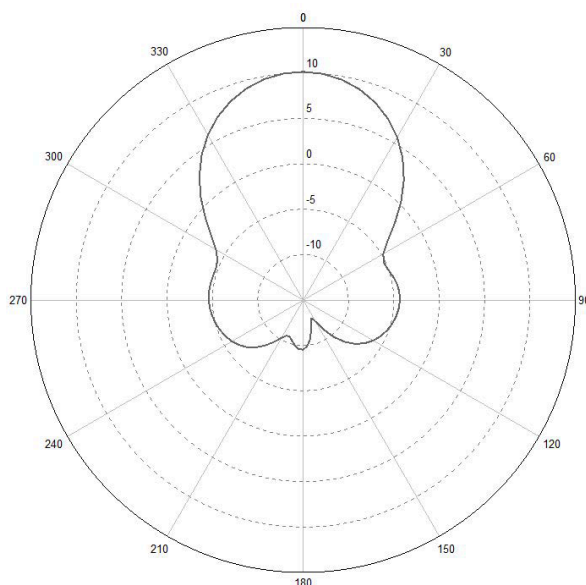
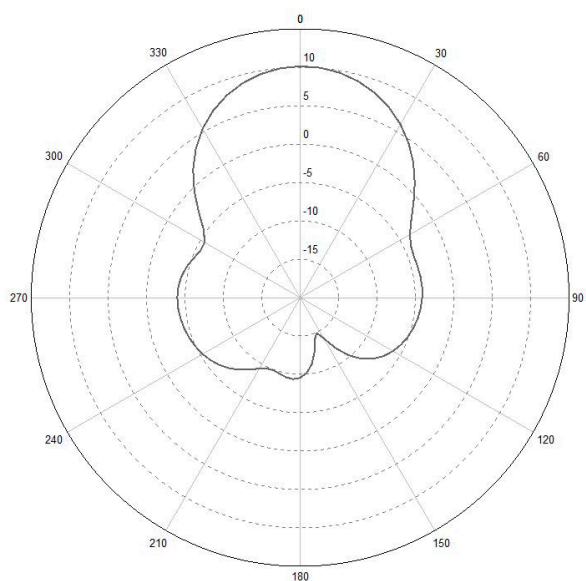
- High gain to achieve the longest RFID reading distance
- Incredibly low axial ratio to provide the best performance in every orientation.
- Usable on all surfaces, including metal
- IP65 rating
- VESA standard mounting

## SUITABLE APPLICATION AREAS

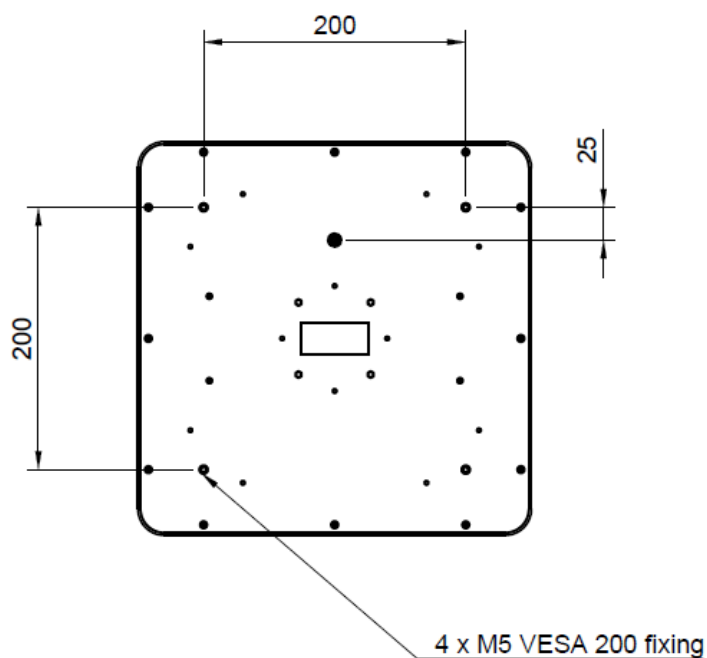
- Inventory management
- People or vehicle access control
- Document tracking
- RFID gates
- RFID tunnels

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## ANTENNA RADIATION PATTERN



## MOUNTING (VESA FIXING)



Note about VESA fixing points: the maximum thread depth is 7mm and the maximum allowed torque is 8Nm