

BRADY GA30



Brady 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. Brady GA30 is a global band antenna with real circular polarisation, enabling it to be used at its maximum performance in any region worldwide and with any tag orientation. The modular fixed reader Brady FR22 attaches natively to the back of the Brady GA30.

UHF RFID	
Frequency	Wide band 865 MHz - 928 MHz
Antenna Features	10 dBic RHCP Polarisation
Beam Width	50° / 50°
Input Impedance	50 Ω
VSWR	< 1.5:1
Power Requirements	Max 2W input power
Front-to-back Ratio	20 dB
Axial Ratio	< 0.5 dB
External Antenna Port	SMA Female connector
SIZE AND WEIGHT	
Dimensions	299.72 mm (W) x 33.2 mm (H) x 300 mm (D)
Weight (kg)	0.860 kg
ENVIRONMENT	
Operating Temperature	-20°C - 55°C
Storage Temperature	-40°C - 85°C
Ingress Protection Rating	IP65



Order Ref.	Description
B-GA30-ANT	Brady GA30 antenna

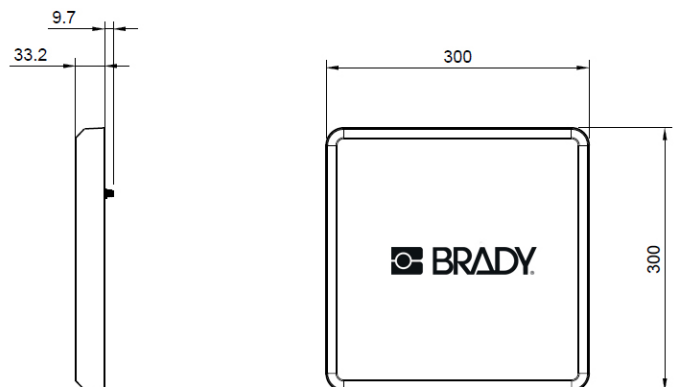
Product highlights

- 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

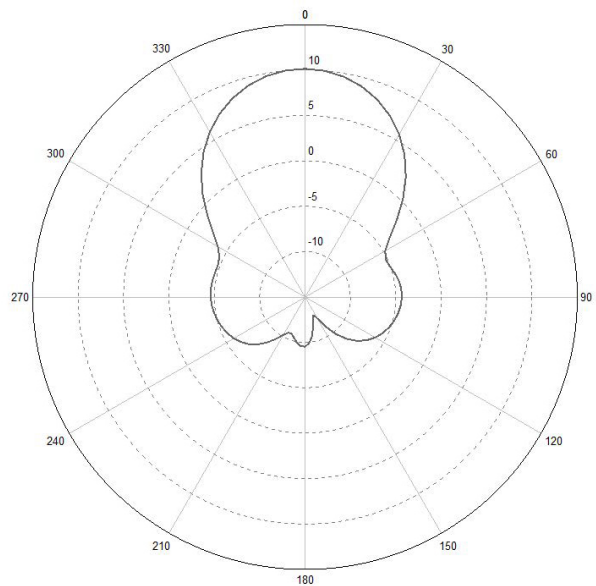
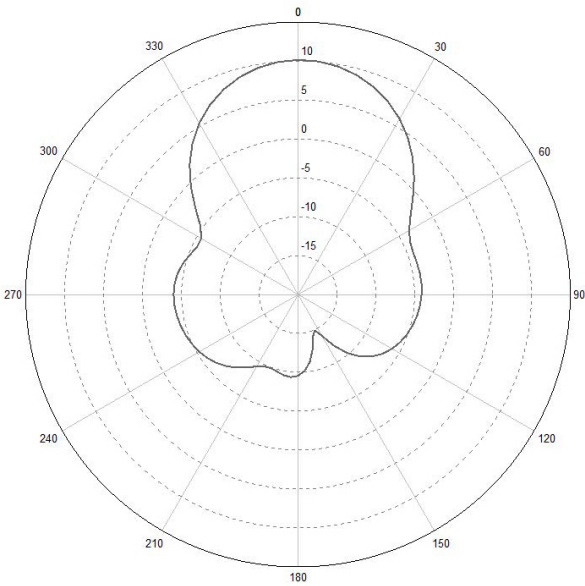
Suitable application areas

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

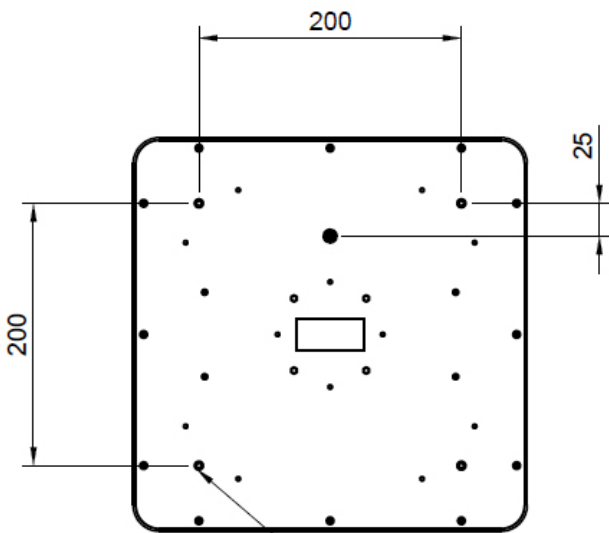
Antenna dimensions (mm)



Antenna radiation pattern



Mounting (VESA fixing)



4 x M5 VESA 200 fixing



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