

UHF ANTENNA DOOR FRAME ANTENNA



APPLICATIONS

- Asset and people tracking through RFID portal
- Crowd Management
- Hospital patient tracking

FEATURES

- Linear polarized
- Unique ultra-low profile
- 8mm thick
- Easily transforms existing doorways into RFID portal / read points

RFID OPTIONS

- 864 – 869 MHz (ETSI)
- 902 – 928 MHz (FCC)

DESCRIPTION

The iDTRONIC UHF Door Frame Antenna is a unique, ultra-low profile linear flat panel UHF antenna. The durable A8060 easily transforms existing doorways into an RFID portal or read point. At just 8 mm in thickness and with integrated mounting holes requiring no extra frames and mounting kits for installation, the A8060 is a portal antenna solution with absolutely no compromise on spatial dimensions. Versatile and good-looking, the A8060 works as a left, right and/or top antenna. When combined with a ground antenna (e.g. the A6590C), the A8060 makes a high performance, cost effective RFID portal a reality.

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Frequency Range	864 – 869 MHz (EU) 902 – 928 MHz (US)
Polarisation	Linear
Far-field Gain	5 dBic
Far-field 3 dB beam width	110° XZ (h), 30° in YZ (v)
VSWR	< 1.8:1
Front to back ratio	7 dB
Nominal Impedance	50 Ω
Anti-static protection	Yes
Maximum Input Power	6 W
Connector Type	SMA female side fly lead (300 mm)
Cable	2 m SMA to RPTNC (included)

PHYSICAL ENVIRONMENTAL SPECIFICATIONS	
Dimensions	650 × 86 × 8 mm
Weight	500 g
Radom Material	Fire retardant Kydex
Protection Class	IP54
Operating Temperature	-20 °C to +55 °C
Mounting	Integrated mounting guides / adhesive foam strip

ORDER CODES

ORDER CODE
R-T7-A8060

iDTRONIC GmbH
Ludwig-Reichling-Straße 4
67059 Ludwigshafen
GERMANY

Phone +49 (0) 621 66 90 09 4-0
Fax +49 (0) 621 66 90 09 4-9
E-Mail: info@idtronic-rfid.com
Web: idtronic-rfid.com

For further information & prices, please contact info@idtronic-rfid.com

Subject to alteration without prior notice
©2020 iDTRONIC GmbH