

iDTRONICs unique Antenna System RTAS is a complete high performance ground mat antenna system optimised for applications in race timing and event management. Ready to be developed in a matter of minutes, the Antenna System RTAS offers true portability with fast and easy setup.

RTAS give the ability to seamlessly connect up to 7 antennas – with finishing line stripe. There are integrated cable channels to protect and hide away cable. All cables are included, with each mat antenna having 2 m clear cable free for reader connection.

Features

- Dimensions: 1220mm x 600mm x 12mm
- Weight: 8.4 kg
- Polarisation: Linear
- Fair-field Gain: 10dBi
- Ultra- low profile
- Just 12mm thick
- Robust – withstands open road traffic
- Operates in all weather conditions
- Colour- coded antenna mats & complete colour- coded cable set (up to 7 antennas)
- Inter-connecting straps to firmly keep antennas aligned and in place



Applications

- Event and Race Timing
- Conference Attendee / People Tracking
- Industrial Asset Tracking

Order Codes:

R-T7-RTAS-MAT1	2,62m cable length
R- T7-RTAS-MAT2	3,84m cable length
R- T7-RTAS-MAT3	5,06m cable length
R- T7-RTAS-MAT4	6,28m cable length
R- T7-RTAS-MAT5	7,50m cable length
R- T7-RTAS-MAT6	8,72m cable length

Technical Data

Electrical Specifications

Frequency Range:	864- 869 MHz (ETSI)
Polarisation:	Linear
Far- field Gain:	10dB

Environmental Specifications

Dimensions (LxWxD):	1220mm x 600mm x 12mm
Weight:	8.4 kg
Environmental Rating:	IP66
Antenna Enclosure:	Moulded polyurethane housing
Operating Temp.:	0°to +50°C
Connector type:	RPTNC (refer to cable length detail below)
Cable:	all cables included



Integrated cable channels & Inter-connecting straps



Colour-coded numbering



Integrated cable channels – Cable detail

Event and race-proven, the RTAS has been extensively stress and performance-tested in hundreds of events around the world, putting this complete race timing antenna system in a class of its own.