

# Wide Aisle EAS System

## CENTAURUS CTS-100



### Cost Effective Antenna with Superior Detection for the Most Versatile Application

The CENTAURUS system is designed as a cost effective system for the standard aisle and with an exceptional detection range, for the most versatile applications.

The key mechanical components of the system, namely the antenna frame and crossbars, are constructed from high quality stainless steel. Together with its robust construction and superior electronics, the CENTAURUS is truly a maintenance free system.

The CENTAURUS employs the same unique Moving Field Detection as Lucatron's top of the line Wide Aisle system, which provides economical protection for a wide variety of environments without compromising performance, and detection up to 1.6 m (5.3 ft) with a 4x4 label. The CENTAURUS system is fully compatible with all 8.2 MHz reusable hard tags and disposable labels.

For retailers to whom system cost and exceptional performance are the key considerations, the CENTAURUS is definitely the system of choice.

## CENTAURUS CTS-100

### Mechanical Specifications

Antenna Height	1616 mm (63.6 inch)
Antenna Width	390 mm (15.4 inch)
Antenna Base	419 mm (16.5 inch)x94 mm (3.7 inch)
Frame Diameter	32 mm (1.3 inch)
Weight	10 kg (22.1 lbs.)
Material	Stainless Steel
Foot Cover	Aluminium, Black
Centre Panel	None

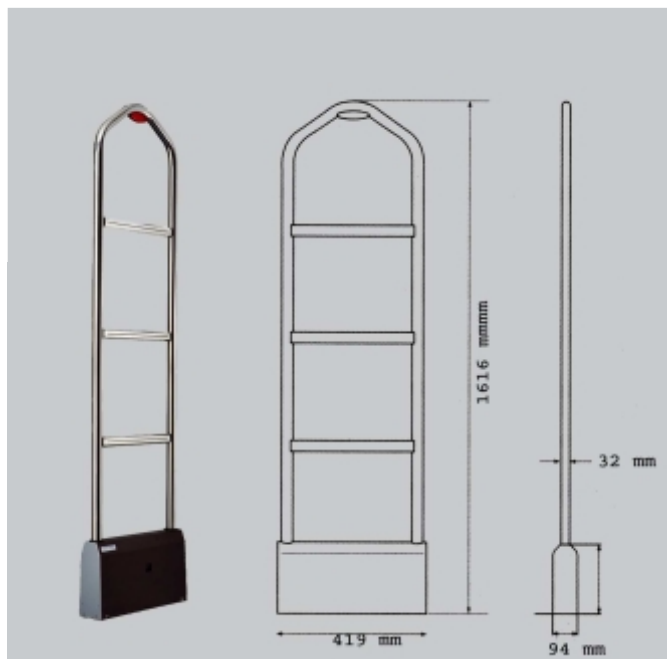
### Antenna

### Electrical Specifications

Operating Frequency	8.2 MHz ( $\pm 10\%$ )
Operating Distance	up to 1.6 m (5.3 ft.) with 4x4 Label
Operating Temperature	0° to 50 °C (32° to 122 °F)
Detection Characteristic	Moving Fields (4 Loop)
Transmitter	Master, Slave or Repeater (switchable)
Synchronisation	Cable or Opto, up to 7 systems repeatable
Synchronisation Input	1 x Opto Receiver (option, pluggable) 1 x cablesynch exit (galvanic apart)
Synchronisation Output	2 x Opto Transmitter (option, pluggable) 2 x cablesynch Output (galvanic apart)
Receiver Technology	Digital Signal Processor (DSP)
Power Supply	Transformer 230 V AC, 0.135 A, 50/60 HZ
Alarm Light	Light Emitting Diode (LED)

### Antenna and Electronics

Product liability: The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed.



### Contact: