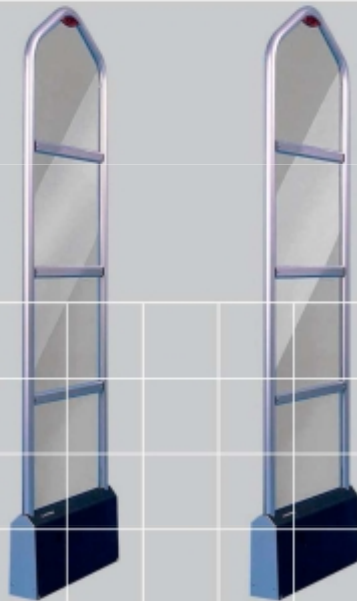


Wide Aisle EAS System

AQUILA AQS-100



Wide Aisle Antenna with Moving Field Detection for Maximum Pick Rate

The AQUILA system is specially designed to ensure superior detection for wide aisle installations. The detection range can be up to 1.8 m (6 ft) with the appropriate 8.2 Mhz labels or tags.

The fusion of Clear Acrylic Sheet and the Silver Powder-Coated Steel Frame not only resulted in a design that is child-proof, but yet an overall appearance of the AQUILA that is both pleasing and robust.

The AQUILA is equipped with a sophisticated optically slaved transmitter and a digital signal processor in the receiver, providing effective protection for a wide variety of environments. This ensures that the security labels can be reliably detected and distinguished from noise sources and disturbances.

For retailers to whom maximum system detection range is critical, along with contemporary appearance, the AQUILA is definitely the system of choice.



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AQUILA AQS-100

Mechanical Specifications

Antenna Height	1660 mm (65.4 inch)
Antenna Width	454 mm (17.9 inch)
Antenna Base	477 mm (18.8 inch)x91 mm (3.6 inch)
Frame Diameter	33 mm (1.3 inch)
Weight	11.5 kg (25.4 lbs)
Material	Steel, Powder coated, Silver
Foot Cover	Plastic, Black
Center Panel	Acrylic, Clear

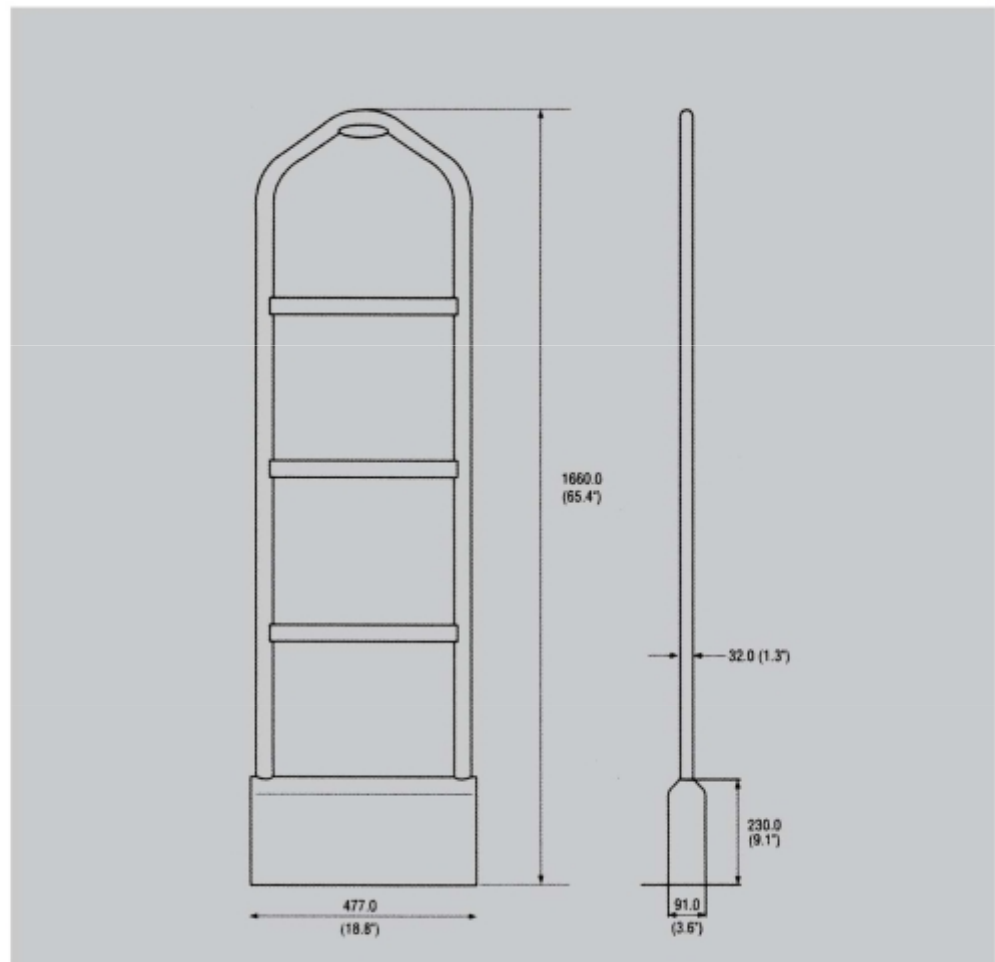
Antenna

Electrical Specifications

Operating Frequency	8.2 MHz ($\pm 10\%$)
Operating Distance	up to 1.8 m (6 ft.) with 4x4 Label
Operating Temperature	0° b 50 °C(32° b 122 °F)
Detection Characteristic	Moving Fields (4 Loop)
Transmitter Mode	Master, Opto Slave
Slave Output	2xOpto (Optional)
Receiver Technology	Digital Signal Processor (DSP)
Power Supply	Transformer 110/230 VAC (30 W)
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. For additional information or questions, please contact your local Lucatron representative.



Contact:



110, Ravi Industrial Estate, Off
Mahakali Caves Road, Andheri (E),
Mumbai - 400 093

• Tel: 91-22-6581 4330/31/32

• Fax: 91-22-2687 6495

<http://www.intercodesolutions.com>