



Product Technical Specification

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Product:	Pegasus Active Triple Field Antenna System
Description:	Purpose built 'portal' antenna system linked to Texas TIRIS low frequency, half duplex transponder reader module with communications interface.
Transmitting mode:	Burst Sequential FM (fsk) system with 20KHz bandwidth. Charge burst of 50mS followed by read period and sync period of 40 mS.
Frequency:	134.2 KHz
Mains Connection:	4 pin circular type with Live, neutral and earth connections
Operating Line Voltage:	115 volt AC mains
Mains Frequency:	50/60Hz
Mains Power:	20 watts maximum
Mains Fuse Rating:	T1A, 20mm Glass
Low Volts Fuse Rating:	F2A, 20mm Glass
Antenna Connection:	7 pin weatherproof circular type.
Antenna Size:	Antenna size is approx.1.89m high, 1.02m wide & 1.33m long.
Antenna Weight:	Approx. 78 Kg
Antenna Conduit Length:	3000mm
Control Box:	Stainless Steel enclosure approx. 400mm x 300mm x 150mm
Control Box Weight:	Approx. 10.5 Kg
Comms. Protocol:	RS232-C Communications Interface
Comms. Connection:	Standard 9 pin 'D' chassis socket (weatherproof) with Rx, Tx and Gnd connections.
Operating Temperature:	0 to +70 degrees C
Storage Temperature:	-25 to +85 degrees C