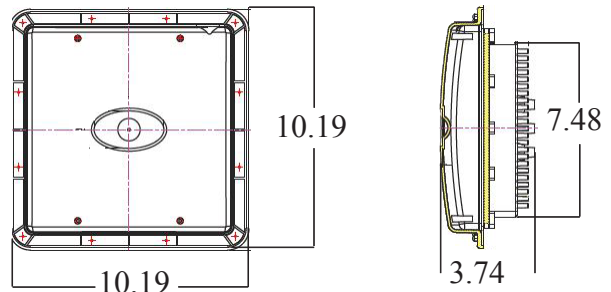# RFID READER

OS-TRES900

The OS-TRES900 reader is value engineered to meet your most demanding applications for asset and personnel monitoring, vehicle ID and supply chain management. Its integrated antenna design provides simple installation and functionality in a single, low profile design. The OS-TRES900 is environmentally sealed allowing for indoor and outdoor installations with a UV resistant housing. Upgradeable firmware allows for protocol expansion and feature upgrades. High gain circular polarized antenna for maximized read ranges. DSP (digital signal processing) for multi tag anti-collision capabilities. The OS-TRES900 comes standard with a multi reader synchronization feature for interference reduction.

SPECIFICATION

Operating Frequency	902MHz ~928MHz (860-960 MHz built-in)
RF Protocol	ISO18000-6B, EPC Class 1, EPC Class 1 GEN 2
Operating Method	FHSS or fixed frequency
Antenna Ports	Internal 7dBi circular polarized antenna 7:10 H/V
Max RF Power	30 dBm (1 Watt)
RF Power Range	20~30 dBm, Software Adjustable
Tag ID Modes	Timed Mode - automatically reads at fixed time Trigger Mode - external trigger control to read Master/slave Mode - Under software control
Identity Tag Time	< 8ms Identity single tag
Reading/Writing Time	Reads every 8 bytes in less than 5ms Writes every 4 bytes in less than 25ms Reading/Writing Range 18 to 25 feet
Communication	RS-232, Wiegand, TCP/IP
Input	One way trigger input for master/slave configuration

Power Supply	8 to16VDC
Power Consumption	≤5W
Size	(10.19 X 10.19 X 3.74 inches) 260mmx260mmx90mm
Work Temperature	-20 C° to + 70 C°
Work Status Indication	Audible Buzzer
Certifications:	FCC Part 15, CE Mark

10.19
10.19
7.48
3.74

Mounting bracket included

CE This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and; 2) this device must accept interference received, including interference that may cause unintended operation. FCC ID: A379502

FCC

ORDERING INFORMATION

www.ossi-usa.com   **888-488-2623**