



433 MHz RFID TAGS



CLAMSHELL TAG
OS-TRES-CS OS-TRES-CS-ACL

Dimensions: 3.375 x 2.125 x .25 in
Weight: 2 oz
Color: Putty White
Housing: Sealed ABS
Rating: IP65
Battery: Replacable



METAL MOUNT TAG
OS-TRES-MM OS-TRES-MM-ACL

Dimensions: 3.0 x 2.0 x 1 in
Weight: 4 oz
Color: Black
Housing: Sealed ABS, Metal Spacing
Battery: Replacable



ASSET TAG
OS-TRES-AT OS-TRES-AT-ACL

Dimensions: 4.0 x 2.12 x .54 in
Weight: 4 oz
Color: Black
Housing: Rynite, Potted
Rating: IP67
Battery: Not Replacable

OS-TRES433

The OS-TRES433, is a revolutionary new product utilizing the 433 MHz frequency to accomplish AVI (Automated Vehicle Identification), Personnel or Asset Tracking and Perimeter Security functionality with unparalleled read range and flexibility. The OS-TRES active tags both CS and MM versions have a replaceable battery which allows the user to enjoy a declining per year tag cost by simply following the warranty instructions for battery replacement, thereby renewing the tag warranty in three year increments. TRES RFID tags are designed to withstand the rigors of everyday usage. The labels can be customized to meet specific aesthetic requirements. By utilizing varied mounting options, these tags can be used as asset and/or equipment tags, automobile tags, or personnel tags. The MM (metal mount) tag is designed to be a semi permanent attachment to assets using screws or bolts.

ADDITIONAL FEATURES

- Anti-collision algorithm for multiple tag reads
- Motion Detection Option (Accelerometer)
- Battery Removal Detection
- Low Battery Detection
- FSK Modulation (Faster More Consistent Response)
- Private Labeling Option

SPECIFICATION

Power Supply	3V Replaceable Battery (Must be replaced by authorized dealer)
TX Frequency	433.92 MHz
Output Power	1 mW default, 10 mW maximum
Transmission Rate	2.01 seconds
Transmission Time	590 Microseconds
Battery Life	4 years (3 year warranty)
Operational Temp.	-40 F to +185 F
Humidity	5% to 90%
Material	UV Stabilized (IP65)
Approvals	FCC Certification-Part 15-YVUTRES433 RoHS compliant

ORDERING INFORMATION

OS-TRES-CS	Clamshell Tag Slot punched for personnel, windshield, or visor	OS-TRES-MM-ACL	Metal Mount Tag Designed for metal mount without sacrificing read range (Includes accelerometer option for motion detection)
OS-TRES-CS-ACL	Clamshell Tag (Includes accelerometer option for motion detection)	OS-TRES-AT	Asset Tag Fully potted waterproof and virtually non-destructible
OS-TRES-MM	Metal Mount Tag Designed for metal mount without sacrificing read range	OS-TRES-AT-ACL	Asset Tag Fully potted waterproof and virtually non-destructible (Includes accelerometer option for motion detection)