



# 433 MHz Active Tag RFID | Tags

Now Available with Accelerometer Option (Motion Detection)



## tres CS or CS-ACL Clamshell

Slot punched for use as a personnel tag  
Optional use as windshield tag,  
visor tag, hangtag  
with additional mounting hardware  
**REPLACEABLE BATTERY**



## tres MM or MM-ACL Metal Mount

Mounting holes for screws or bolts  
mounting - Designed for mounting on  
metal without sacrificing read ranges  
**REPLACEABLE BATTERY**



## tres AT or AT-ACL Asset

Mounting holes for screws or bolts  
mounting - Virtually non-destructible  
waterproof fully potted  
**NO REPLACEABLE BATTERY**

tres433, Inc is a revolutionary new product utilizing the 433 MHz frequency to accomplish AVI (Automated Vehicle Identification), Personnel/Asset Tracking and Perimeter Security functionality with unparalleled read range and flexibility. The tres433 active tags (CS and MM) 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 battery warranty in three year increments. tres RFID tags are designed to withstand the rigors of everyday usage and the label can be customized to meet specific aesthetic requirements. By utilizing our varied mounting hardware options, these tags can be used as asset and/or equipment tags, windshield tags, personnel badges, visor clips or even hangtags for vehicles. The MM (metal mount) tag is designed for semi permanent attachment to assets using screws or bolts.



transponder and reader engineered systems

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ACL = Accelerometer Option = Motion Detection - The Accelerometer Measures Proper Acceleration and Movement of the Tag Results in Flag Bit Transmission to Receiver



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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 any interference received, including interference that may cause unintended operation. FCC ID: YVUTRES433 Patents Pending



**tres CS or CS-ACL**  
Clamshell  
Dimensions: 3.375 x 2.125 x .25 in.  
Weight: 2 oz./57 grams  
Color: Putty White  
Housing: Sealed ABS, IP65  
**REPLACEABLE BATTERY**



**tres MM or MM-ACL**  
Metal Mount  
Dimensions: 3.0 x 2.0 x 1.0 in.  
Weight: 4 oz./113 grams  
Color: Black  
Housing: ABS, Metal Spacing  
**REPLACEABLE BATTERY**



**tres AT or AT-ACL**  
Asset  
Dimensions: 4.0 x 2.12 x .54 in.  
Weight: 4 oz./113 grams  
Color: Black  
Housing: Rynite, Potted, IP67  
**NO REPLACEABLE BATTERY**

Power Supply	3V Replaceable Battery - must be replaced by authorized dealer
TX Frequency	433.92 MHz
Output Power	1 mW default 10mW max
Transmission Rate	2.01 seconds
Transmission Time	590 microseconds
Battery Life	3 years warranted - 4 year battery
Operational Temperature	-40° F to +185° F
Humidity	5% to 90%
Material	UV Stabilized (IP65)
Approvals	FCC Certification - Part 15 - YVUTRES433 RoHS compliant
Extra Features	Anti-Collision algorithm allows reads of multiple Tags simultaneously Accelerometer (Motion Detection) Option Available Battery Removal results in Data Flag detection Low Battery Info sent to system and visual to user Private labeling option available FSK Modulation Means Faster and More Consistent Response

## Made in the U.S.A. by American Companies



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