



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 two 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

Transponder and Reader
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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

2 years warranted

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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