

RT-270 Vehicle Inventory Management Tag

Cognosos real time location system and vehicle inventory management tags provide a cost-effective solution for real-time indoor and outdoor visibility of inventory for OEMs, logistics providers, automotive dealers and auctions.

Features and Benefits

- Compact, easy to deploy hang-tag design for temporary installation on rear-view mirrors
- Up to 4-year battery life
- Long range wireless connectivity without cellular contract
- Communications via 900MHz and Bluetooth
- Seamless outdoor and indoor localization using AI-enhanced GPS and Bluetooth signaling
- Location Assist High Visibility LED
- Driver workflow and efficiency tracking
- Uses 4 standard 1.5V AA lithium batteries

The RT-270 tag is the first purpose-built inventory tag that is specifically designed to provide real-time data for vehicle location, movements, and workflow. Combined with patented innovations including the RadioCloud® low power, wide area wireless network, the RT-270 delivers an unparalleled combination of price and performance, reducing time-to-value, and eliminating the traditional deployment barriers of legacy RTLS systems

Using a combination of GPS and Bluetooth Low Energy, the RT-270 leverages built-in intelligent location logic and Cognosos' patented LocationAI™ technology to determine a vehicle's position to provide seamless bay level-accurate outdoor and indoor coverage.

The RT-270 also provides a unique driver dispatch feature that will flash an ultra-bright LED to assist drivers in locating a specific vehicle in rows of identical make and model colors. The RT-270 can also communicate with Cognosos' Bluetooth employee ID badges to track driver workflow and efficiency.

Like all Cognosos tags, the RT-270 feeds real time location data to Gateways within a two-mile radius which is then displayed on the Cognosos portal and mobile applications where geofencing, inventory management, worker productivity and other tools, metrics and insights are available.



Cognosos RT-270 Inventory Management Tag Specifications

Wireless Operation	
Frequencies	902-928 MHz, 1570 MHz, 2402-2480 MHz
Standards	GPS, BLE 5.1, RadioCloud®
Battery Life	Up to 4 years or 2000 GPS events
Certifications	FCC/IC
Enclosure	
Dimensions	8 x 3 x 0.5 inches
Weight	8 oz
Material	PC-ABS, durable, automotive solvent tolerant
Mounting options	Built-in rear view mirror hanger, other attachment options
Environmental	
Operating Temperature	-40° C to +85° C
Storage Temperature	-40° C to +85° C
Operating Humidity	0 to 95% Non-Condensing
Power	
Battery	Customer replaceable 1.5V lithium iron disulfide batteries
Battery Replacement	Sliding door; field replaceable
Part Numbers	
	RT-270

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING: changes not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

WARNING: a 20cm separation distance must be maintained between this device and the user.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



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