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AI-500-065
Preempt & Priority In-Vehicle Unit

Overview

The AI-500-065 Glance Preempt & Priority In-Vehicle series of controllers provide a cost-effective way of adding priority & preemption to emergency and transit vehicles. The unit has a built-in Cellular, GPS, and 900MHz radio to make priority and preemption easy to configure and simple to set up. The in-vehicle unit monitors emergency signals, indicators, and ignition switch to be able to automatically request priority/preemption at the traffic intersections.

The unit comes standard with a built-in Ethernet, Cellular Modem, GPS, and 900MHz radio. All units come with multiple digital and analog IO to monitor the status of the vehicle. The unit utilizes an enhanced GPS module with dead reckoning. This allows the system to still track the vehicle when the vehicle is in a tunnel or under an overpass.

The unit works in conjunction with the Glance Platform, providing connectivity to the cloud-based Glance solution. Simply plug install into an in-vehicle unit to add Glance priority and preemption as well as monitor the location and status of all connected vehicles.

Features & Benefits



- Low-cost internet connectivity solution
- Alarm alerts sent via text or email
- Cellular & 900MHz redundancy
- Future proof with “over-the air” updates
- Enhanced GPS with dead reckoning
- Easy to install
- Perform priority check-in requests at any distance from the traffic controller with cellular connection
- Local data storage, supporting store and forward schemes when there is no connection
- Monitor emergency and transit vehicles in real-time

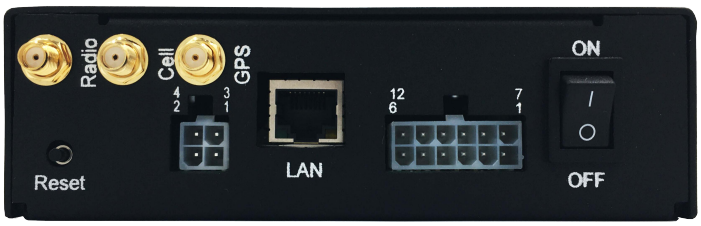
Call us today to get started at 678.830.2170 or email us at sales@appinfoinc.com

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Hardware Specification

	AI-500-065
Connectivity	
Cell Modem*	Yes
900MHz Radio	Yes
Ethernet Port (10/100 Base-T)	Yes
GPS	Yes
Enhanced GPS with Dead Reckoning	Yes
Industrial I/O	
Digital Outputs	1
Digital Inputs	6
Miscellaneous	
Operating Systems	µC/OS-II
In Service Light	Yes
Operating Temperature	-40°C to 80°C
Humidity	5-95% non-condensing
Dimensions	7.250” x 5.440” x 1.693”
Input Voltage	10-30V DC or AC
Power Consumption (Avg.)	5W
Flash Disk	Yes
Battery Backed Memory	Yes
Real Time Clock	Yes
Also suitable for…	
Bus and Light Rail Priority	Yes
Vehicle Monitoring	Yes
Scheduling	Yes





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