Overview
Introducing the next generation of driver feedback signs. This smart driver feedback provides cellular connectivity and data collection to existing signs in the field. Using an AI-500-070, you can adjust the settings of your sign right from a smartphone or computer. Adjust radar feedback thresholds, flashing patterns, speed warnings, and much more.

Install this device into an adjustable speed threshold zones, such as a school zone for easy configuration of variable speed limits. Change the speed limit from 45 mph to 25 mph right from a smartphone, and your feedback sign adjusts automatically to the new speed limits.

Active Safety
- Reporting features sent to central system including:
  - Median Speed
  - 85% percentile speed
  - 95% percentile speed
  - Volume of vehicles per hour
- TravelSafely Connected Vehicle Application connects this device to iPhone and Android for an audible warning of speeding in a slow speed zone
- Supports Carmanah SpeedCheck, TrafficCalm and RU2

Connectivity
- Remotely monitors the reliability of the system
  - Including batteries, solar panels, AC voltage, and visual elements
- Text messages and email alerts whenever anything goes wrong
- Future proof with “over the air” software updates for new features

Call us today to get started at 678.830.2170 or email us at sales@appinfoinc.com!
## Hardware Specification

### AI-500-070

#### Connectivity
- Cell Modem: Yes
- Ethernet Port (10/100Base-T): Yes
- Serial Connection: Yes

#### Industrial I/O
- **Analog Inputs**: AC Power, Solar Batteries, Temperature
- **Digital Inputs**: Beacon Status, Door Open Switch, Button Pushes
- **Digital Outputs**: 2 X Beacon/Flasher Circuits 15 Amp

#### Miscellaneous
- **Operating Systems**: µC/OS-II
- **GPS**: Yes
- **Operating Temperature**: -37°C to 74°C
- **Humidity**: 5-95% non-condensing
- **Dimensions**: 8” x 5” x 2”
- **Input Voltage**: 10-30v DC, 120V AC
- **Power Consumption DC**: idle - 149mA avg; active - 212mA avg
- **Power Consumption AC**: idle - 17mA avg; active - 24mA avg
- **Battery Backed Memory**: Yes

#### Optional
- **Digital Message Sign**: Yes
- **Lamp Monitoring**: Yes
- **Scheduling**: Yes
- **Radar Speed Detection**: Yes
- **Audible Pedestrian Push Buttons**: Yes

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### Driver Feedback Report for F_Cherokee_St_NB

#### F_Cherokee_St_NB Daily Averages

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<th>DAY</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
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#### F_Cherokee_St_NB Median Speed (mph)

![Graph showing median speed (mph) over time]