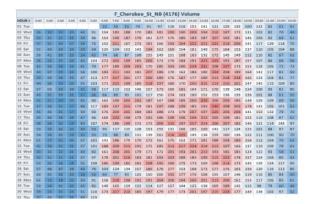# Connected Driver Feedback Sign

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

Volume heat map

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

Driver Feedback Report for F_Cherokee_St_NB

1 January - 31 January, 2019 06:42 AM

F_Cherokee_St_NB Daily Averages

DAY >	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Median Speed	36	35	35	35	36	34	34	34	35	35	35	36	35	35	35	35	36	35	35	34	35	33	35	36	35	36	35	37			
85th Percentile	41	40	40	40	41	41	40	40	40	40	41	41	42	41	41	40	40	40	41	41	40	40	41	39	41	41	40	41	41	43	
95th Percentile	45	44	44	45	44	45	44	44	44	44	44	45	46	45	44	44	44	45	44	45	45	44	43	44	43	44	45	44	46	44	48
Volume	98	129	128	138	116	99	136	139	139	142	144	115	95	135	142	141	140	143	105	106	126	141	131	139	140	123	105	139	105	139	48

F_Cherokee_St_NB Median Speed (mph)