iCITE™ Product Line

DA-DATA AGGREGATOR™ DA-100B
DA-DATA AGGREGATOR™

DA-100B BASIC CABINET MONITORING

The first system to provide cost effective remote traffic cabinet status and intersection data without a central system using a Cellular network.
DA-DATA AGGREGATOR™

DA-100B

- Real time data
- Remote Accessibility
- Designed for Traffic signal Cabinets
- Easy to install
- Controller / Cabinet agnostic
- Data streamed to a Cloud based server
DA-DATA AGGREGATOR™

COMMUNICATIONS AND CABINETS

Communications
- GSM (3G), Wi Fi, Ethernet

Cabinet Configurations
- NEMA:
  • TS1 (Type 1 and 2)
  • TS2
- CALTRANS
  • 33X
- Flasher Cabinets
TRAFFIC SIGNAL TECHNICIAN / ENGINEER

BENEFITS

• Remote access to cabinet status and parsed intersection data
• Perfect to access remote intersections where there is no connectivity to central
• Alarms generated via SMS to on-call staff
• Detector counts and diagnostics through Eberle Oracle™ detectors
CUSTOMER NEEDS FOR DATA

DA-100B FULFILLS LOTS OF NEEDS

• Need to connect to remote intersection
• Back up to connected intersections
• Data Collection - Basic detector information
• Safety and Security of intersection
DA-100 DATA AGGREGATOR™

WHERE BIG DATA AT YOUR INTERSECTION BEGINS

• Real time monitoring of remote intersections for vital information
• Backup for intersections connected to a TOC
• Cellular based and event driven

Information
✓ Door is open
✓ Fan(s) are on
✓ Heater is working
✓ Battery Backup is on / charging
✓ Cabinet operations
  • Flash
  • Fault
  • Normal
  • Stop Time
  • Detector Faults

Features
✓ Low Cost for connectivity
✓ Small Form Factor
✓ Cabinet and Controller Agnostic
✓ GPS-enabled Sync Pulse
✓ Low Power – for solar applications
✓ Internal battery backup
✓ Easy to set up and connect

Sync Pulse for Correct Time of Day
DA-100B by EDI features basic connectivity and functionality to provide the user essential information about the health of the cabinet and components.

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**Features**
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- Internal battery backup
- Easy to set up and connect
DA-100B by EDI additional information regarding the cabinet that is derived by connecting to EDI / Reno A&E equipment to produce Performance Measurement information

- **Oracle Detector Interface** provides a way to get accurate detector counts off the EDI Oracle® Detector
- **Sync pulse** generated by GPS to provide a way to keep controller time up to date.
- **SDLC communications** now capable of retrieving valuable information about the cabinet.
ICITE™ G2 SOFTWARE

G2 provides the user with the information that is sent from the intersection.
CONFIGURATION SOFTWARE

- Configuration software for viewing status of hardware or traffic cabinets
- Not a data analytics Software
- Google GIS Maps based user interface
- Provides alarms for cabinet malfunctions and other user identified alarms
- Graphs, logs and alarms for all devices in one location
Alerting Software
Historical Diagnostics
System Information
CONCLUSION

SIMPLE AND COMPLETE

• Configuration for any type of cabinet or function
• Alarms can be modified to meet any needs
• Easy to install and set up
• Multiple alarm and alert levels
• Data is configurable for what is important to the end user.
## DA-100B AND BEYOND

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<td>I/O’s (8 analog /8 digital in) (4 digital out)</td>
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AVAILABILITY

READY TO SHIP

Contact your EDI distributor in your area.

We will be happy to work on pilot projects and demonstration sites, contact Matt Zinn directly.
THANK YOU FOR YOUR ATTENTION

Please contact me if you have any other questions:

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