SIEMENS

EAGLE ITS CABINET LOW-POWER CBD

The ITS Concept uses advanced technology and modularity to provide state-of-the-art transportation control as well as general-purpose functionality. The ITS goal is component standardization for interchangeability. The Low-Power Central Business District [CBD] cabinet provides this advanced technology in limited space environments like Central Business Districts - without sacrificing ATC innovations.

Aluminum CBD shown with 2070 ATC modules

ATCNX Removable Keypad

Features

- 12 VDC, 24 VDC, 48 VDC, 120 VAC series voltage options
- Cabinet powered by LED signal power, battery, or solar power - no inverter
- Built-in 10 Base-T Ethernet and ATC Engine Board Technology
- Standard ATC modem option
- Standard Serial Interface Unit (SIU)
- Removable Datakey™ memory
- Standard detectors (up to 6 two-channel detectors)
- Standard Cabinet Monitor Unit (monitors voltage & current)
- Up to 6 Smart Dual Load switches (each controls 6 LED loads - 12 to 120V AC or DC)
- 12 to 120V AC or DC Flasher
- Flash Programmable Blocks
- Standard Auxiliary Monitor Units (AMU)
- Data entry via ATC^{NX} removable keypad, PC/Hyperterminal, or Pocket ACTRA™
- Compatible with a variety of types of software packages

Siemens ITS
Siemens Energy & Automation, Inc.
Business Unit Intelligent Transportation Systems

8004 Cameron Road · Austin, TX 78754
Ph: (512) 837-8310 · Fax: (512) 837-0196
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Outside view of aluminum CBD Cabinet

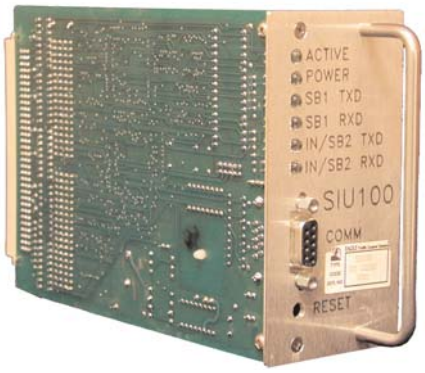
Functionality

19 different general-purpose instrumentations using combination of PDA, Communication Hub, Input, Output, Monitor, and Control Assemblies, including:

- Traffic & Ramp Metering
- Camera & Surveillance
- Irrigation
- VMS/DMS
- Lane Use
- Rail/Highway
- Speed Monitoring
- Incident Detection
- RWIS
- HAR
- HOV

SIU Card

- 54 available I/O's
- Controls up to fourteen (14) Switch Packs per SIU
- Serial connect at 614K baud rate



CMU Module

Cabinet Enclosure

- **Low-Power CBD Type (38.1" h x 18.25" w x 16" d)**

Fabricated from 0.125” thick aluminum, alloy 5052-H32.

- Optional Finishes: Natural, Painted, & Anodized
- 3-point locking mechanism, with duplex nylon rollers
- Convection cooled (no fan necessary)
- Optional fan available

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