Cabinets for Traffic Management

Super P44 Cabinets

What, exactly, are cabinets?

Traffic control cabinets house the brains and intelligence of the signalized intersection. Traffic cabinets also provide the standardized component communications, configuration, and safeguards that ensure safer and more efficient intersections.

Why do agencies use cabinets?

Traffic cabinets are smarter, providing new options for communications, reduced and alternative power sources, and support big data and analytics that will help cities, municipalities, and DOTs meet the traffic management needs well into the future.

How do cabinets benefit the driving public?

Through strict adherence to industry standards and specifications, and utilizing leading-edge component and communications technologies, Econolite's traffic control cabinets ensure the highest levels of intersection safety and traffic management capabilities.

Material

- Aluminum 0.125 in.

Finish

- Natural, Powder Coat Paint, West Spray Paint

Mounting

- Base mounted 18.50 in. x 40.75 in. anchor bolts (optional)

Access

- One full-size door (one front of the controller cabinet)
- One full-size door (one front of the UPS cabinet)

Ventilations

- Pleated media fiber filter in door 100 Cubic Feet per Minute (CFM) fan with thermostatic control on both the controller cabinet and UPS cabinet

Locking System

- Three-point locking system with choice of locks on both controller cabinet and UPS cabinet:
  - *Corbin locks (optional)*
  - *Best locks (optional)*

Handles

- Stainless-steel with padlock feature on both controller cabinet and UPS cabinet

Door Stops

- Two-position bar stops on bottom of each door

Detector Rack Assembly

- Shelf Mount detector rack assembly with:
  - *2 or 4 channel detector cards*
  - *6 detector inputs*
  - *Full-width Bus Interface Unit (BIU)*
  - *4 channels of EVP preemption*

Basic Specifications

- Dimensions
  - *57.4 in. H x 58.6 in. W x 26.3 in. D*
- The SM controller cabinet provides many configuration options to meet your agency's specific needs - TS-1, TS2-1, TS2-2
  - *12 or 16 position vertical or horizontal MP (Main Panel)*
  - *8 position vertical MP*
  - *4 position vertical MP*

Configuration

- Eight vehicle phases, four pedestrian phases, four overlaps (optional)

Police Door

- Signal on/off and flash/auto switches
- Auto/manual switch with police cord

Lighting

- Fluorescent front and/or back (optional) on both controller cabinet and UPS cabinet

Shelf Drawer

- Slide-out shelf/drawer storage unit (optional) on controller cabinet only

Flasher

- One slot for two-circuit flasher (optional second slot and flasher)

Flash Transfer Relay

- Receptacles for up to six flash transfer relays (optional 8 FTR's)

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