

# ASTC Cabinets

Advanced intersection  
control cabinets 5401

Oriux has set the standard in advanced traffic control cabinet design with the new ASTC cabinet series. The Model ASTC cabinet is designed in three configurations as specified by New York City DOT. The units are designed to support up to 12 channels, all of which are fully user configurable for vehicle phases, pedestrian phase, or overlap. The units are of a compact design for use in applications with limited space availability, i.e. CBD areas. The entire assembly is of a modular design and the rack assembly is completely removable simplifying field maintenance. All components are housed in a durable, weatherproof enclosure fabricated from 0.187- inch Aluminum. When combined with our 3000-PC-CBD Controller, a complete solution for intersection control is delivered. Call Oriux for more details.



# Specifications

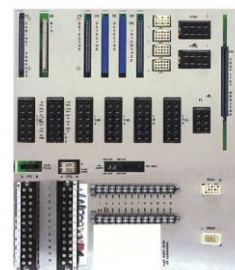
## PROPERTY DESCRIPTION

- Dimensions** ASTC-6: 35"H x 19"W x 15"D  
(88.9cm H x 48.3cm W x 38.1cm D)  
ASTC-8: 42 3/4"H x 21"W x 15"D  
(108.5cm H x 53.3cm W x 38.1cm D)  
ASTC-12: 49"H x 21"W x 15"D  
(124.5cm H x 53.3cm W x 38.1cm D)  
(0.187" thick)
- Material** • Pole-mounted
- Aluminum** • Reinforced back-plate in mounting areas
- Mounting** • Two pre-punched holes for 2" conduit
- Access front door** Complete access through full-size
- Ventilation** • Filtered air intake  
• 100 cfm fan with thermostat control
- Locking system** Three-point stainless locking system with choice of locks. Optional Corbin or Best locks available.
- Handles** Removable hex handle
- Rack assembly** Removable self-standing rack assembly. Two options available.
- ASTC-6 with:**
- 1 PDA including 24 VDC and 12. VAC power supplies.
  - 6 channel load bay, user configurable via controller.
  - 4 slot (8 channel) input file.
  - 1 BIU slot connecting to both input and output files.
- ASTC-8 with:**
- 1PDA including 24 VDC and 12 VAC power supplies.
  - 8 channel load bay, user configurable via controller.
  - 10 slot (20 channel) input file.
  - 2 BIU slots, one connecting to the input file and one connecting to the output file.

## PROPERTY DESCRIPTION

- ASTC-12**
- 1PDA including 24 VDC and 12 VAC power supplies
  - 12 channel load bay, user configurable via controller
  - 10 slot (20 channel) input file
  - 2 BIU slots, one connecting to the input file and one connecting to the output file.
- Conflict monitor** Single slot for 2010 conflict monitor
- Flashers** ASTC-6: One  
ASTC-8: One  
ASTC-12: One
- Flash** ASTC-6: Two
- Transfer relays** ASTC-8: Four  
ASTC-12: Six
- Program blocks** ASTC-6 Four  
ASTC-8: Eight  
ASTC-12: Twelve
- Finishes**
- Natural aluminum
  - Powder coat finish (specify color)
  - Anodized finish
- Shipping weight** ASTC-6: 125 lb. (56.7 kg)  
ASTC-8: 175 lb. (79.4 kg)  
ASTC-12: 175 lb. (79.4 kg)

Configuration Outputs are user-configurable via software



Component connectors are mounted and wired on a sturdy circuit board, eliminating the need for rear access.