ATC-CBD
Advanced Traffic Controller

The ATC controller line from ORIUX is the next generation in advanced transportation control. These controllers utilize the latest in advanced embedded technology to provide the reliable and flexible operation required in today's advanced traffic control operations. The ORIUX ATC's innovative features, such as memory management control, allow for implementation of process isolation to ensure operational integrity.

ORIUX designed and built the ATC CBD controller specifically to meet the requirements of the New York City Department of Transportation. The Central Business District controller is an Advanced Traffic Controller design, is Linux based, NTCIP 1202 compliant, and is currently in use in thousands of intersections in the City of New York. The ATC CBD controller is compatible with Transcore's Transuite ATMS system.

The evolution of **PEEK**

Specifications

Dimensions	7.5" H x 10" W x 9.75" D (19.1cm H x 25.4cm W x 24.8cm D)
Weight	6.8 lbs (3.08 kg)
Power Requirements	95 to 135 VAC 60Hz ± 3 Hz
Environment	-34°F to + 165°F -37°C to + 74°C (NEMA TS2-2003 specification) 5-95% relative humidity
Memory	16MB Flash memory standard 16MB SDRAM standard 1MB SRAM
NTCIP Compliance	Traffic application software is NTCIP software compliant, ensuring easy integration into any NTCIP or ITS traffic control system.
Firmware Updates	Via USB port

Operating System	Linux v2.6.2.0
Communications	Connectivity is easily achieved using a variety of communications options:

- Serial ports: 4 - DB-9 male (RS-232); 1 - DB-15 female (SDLG)

- Ethernet ports: Three RJ-45 connectors (One "System" and Two "Local") TIA/EIA-568-B. 1-2001

- USB: A single Version 1.0 compliant USB port.

Display	40 character by 4 line, alpha-numeric heated LCD
Keypad	7 keys; Escape, Enter, Page Up, Page Down, +, *, -