



ORIUX C5000 ATC

The Oriux C5000 ATC builds on the success of Oriux's Advanced Traffic Controller, which has been installed in over thirty thousand intersections worldwide.

The C5000 ATC combines a fully NTCIP-compliant traffic controller, an integrated MMU that is fully compliant with FYA monitoring, high-density load switches that provide up to 32 channels of operation, and much more in a single unit.



Featuring an ATC-based CPU that can be programmed either via web interface or through a detachable display panel.

Smart Design. Powerful Functionality. Unmatched Usability.

Compact and Compatible Design

Designed to fit a standard 19-inch rack but standing only 17 inches tall, the C5000 ATC is ideal for Central Business Districts (CBD) or downtown areas where space is limited. Its rack configuration allows compatibility with both NEMA and CALTRANS cabinet enclosures. Additionally, the C5000 ATC supports current monitoring and is available in both 110V and 220V configurations to suit various power requirements.

Ready for Future ITS Applications

The C5000 ATC Intersection Control System is built with future Intelligent Transportation System (ITS) applications in mind. It offers versatile programming options, including remote or on-site setup via PC, Mac, mobile devices, a detachable keyboard and display, or through an NTCIP central system. Its CPU features a standard web-based interface accessible from any modern browser, providing an industry-leading user experience that adapts to how you want to operate.



ORIUX C5000 ATC FEATURES

Compact Rack-Mounted Design

Designed to fit a standard 19-inch rack, the unit is compact, conserving valuable space without compromising on capability.

High-Density Load Switching and Safety

Equipped with high-density load switches, the controller supports up to 32 output channels. In addition, integrated fuses within these load switches enhance safety by protecting individual circuits from overloads.

Flexible Power Input Options

Configurable opto inputs allow operation at either 110V or 220V, accommodating different power supply requirements with ease.



Communication and Monitoring Capabilities

The device complies fully with NTCIP communications protocols, ensuring seamless integration with modern traffic management systems. It includes a single display keyboard for both controller operations and safety monitoring, as well as current and voltage monitoring features to maintain optimal system performance.

Companion Units and Circuit Protection

The controller includes a rack-mounted companion Power Distribution and Signal Unit (PDSU). The card-based load switches with current monitoring and fused outputs are provided for each circuit. This includes Red, Yellow, and Green signals, ensuring comprehensive circuit protection.

The Oriux C5000 ATC is powered by their renowned software, **GREENWave**, a powerful, Linux-based, multiprocess traffic application.

See It In
Action!

Want to learn more or request a demo?

We'd love to show you how the C5000 ATC can improve safety, efficiency, and confidence at your intersections. Contact us today. **800-245-7660**.



Contact Us Today for more information.

www.oriux.com

Toll Free + 1 (800) 245-7660

sales@oriux.com

6408 Parkland Drive, Suite 102

Sarasota, FL 34243

