ORIUX SG-1000

Oriux is setting a new standard in NEMA Conflict Monitors and NEMA Malfunction Management Units

The SG-1000 Conflict Monitors and Malfunction Management Units (MMU2) represent the latest evolution in intersection safety technology—combining smart design, powerful functionality, and unmatched ease of use. These monitors are redefining what traffic engineers and agencies can expect from NEMA-certified hardware.

From small municipalities to large urban networks, the SG-1000 is built to deliver proven performance in the most demanding environments.

Smart Design. Powerful Functionality. Unmatched Usability.

SG-1000 Companion Software: Powerful, Visual, & Intuitive

To complement the hardware, Oriux provides SG-1000 Companion Software, a GUI-based interface that delivers a comprehensive and intuitive view of system data. The software presents list status, fault status, configuration details, and program card information — all on a single, user-friendly main screen. This makes setup, monitoring, and troubleshooting faster and more efficient for engineers and technicians.

Proven Performance and Innovation You Can Trust

Originally introduced under the Double Diamond and continued in the SG-1000, Oriux has maintained a reputation for excellence, innovation, and field-tested reliability. Whether you're managing a large-scale urban network or a small municipal deployment, the SG-1000 delivers industry-leading performance with unmatched simplicity.

ORUIX SG-1000 FEATURES

Comprehensive Voltage Monitoring:
Real-time display across TS1 and TS2 systems on a 4x20 OLED screen.

User-Friendly Interface: A 16-key menu-driven system with tactile and audible feedback—ideal for fieldwork.

USB Configuration & Data Export:
First-of-its-kind front-panel USB port for simplified data access and logging.

Enhanced Dynamic Display: Instantly assess real-time signal status on a crisp, intuitive interface.

Robust Event Logging: Easily export logs and settings via USB, serial, or optional Ethernet ports.

Industry-Leading Standards Compliance: Exceeds NEMA TS2-2021 functional and environmental requirements and is backward compatible for TS1.

See It In Action!

Want to learn more or request a demo?

We'd love to show you how the SG-1000 can improve safety, efficiency, and confidence at your intersections. Contact us today. **800-245-7660**.