

# Power

## Alpha Novus™ Micro Secure

### Product Applications

Since its introduction in 2007, the Novus Micro Secure has been used in thousands of applications as a backup power solution or power supply. Its resilient enclosure and small, compact design make it an ideal UPS for security cameras or other outdoor applications of 100VA/W or less. The Novus Micro Secure provides constant, reliable backup power in a compact NEMA 3R (outdoor rated) enclosure. The unit is wall mountable or pole mounted with an optional pole mounting kit.

#### Alpha Novus Micro Secure:

- 100VA/W Uninterruptible Power Supply
- Outdoor rated enclosure
- Double Output – 120VAC / 24VAC
- Wide Automatic Voltage Regulation range
- Communications via RS-232 port or optional Ethernet SNMP interface
- Available in 230VAC/50Hz model



Novus Micro Secure

**Application:** The police department of one of the largest cities in the United States required an uninterruptible power supply solution for their outdoor video surveillance cameras located around the city; a solution that could withstand cold winters, hot summers and excessive winds.

**Solution:** Novus Micro Secure by Alpha Technologies  
Lightweight and easy to install, the Novus Micro Secure systems, using optional pole mount kits, were positioned at heights of over 20 feet, exposing them to extreme environmental conditions. Now with the Alpha UPS solution, the City is assured of security surveillance 24 hours a day, seven days a week, regardless of power outages or fluctuations.

**Application:** A video surveillance project in China required an integrated, rugged, outdoor UPS solution that was also small and compact. In addition, the solution had to support and condition the voltages from the Chinese utility by filtering out the power variances or anomalies.

**Solution:** Novus Micro Secure by Alpha Technologies  
The Novus Micro Secure was selected for its robust design and ability to work with international power voltages. It has a wide automatic voltage regulation window that enhances its capability to stay on utility power, minimizing the draw on batteries when there are fluctuations in the incoming voltage. The small, light weight solution is ideal for video surveillance systems where the power draw is small and the backup power solution needs to be light and compact enough to work outdoors in pole mounted installations.