SENSOR AND SURVEILLANCE SYSTEMS

PRODUCT OFFERING OVERVIEW

QUICKSET®
Defense Technologies, LLC

Equipping Those Who Defend Freedom

Homeland Security
Means Protecting Our Loved Ones

Enabling The First Responders

When Performance Really Matters®
Choose Quickset

Whether designing new products for challenging markets or customizing current products to help solve a specific problem, the Quickset team is uniquely qualified to deliver solutions that will meet your needs.

Our motivation goes beyond the commitments we make to quality, technology, operational excellence, and customer service. Our team is purposefully focused on equipping, protecting, and enabling those who depend on us.

POSITIONERS

Quickset has established a reputation for reliable and durable positioners suitable for a broad range of markets and uses. Quickset pan and tilt positioners are designed to handle payloads requiring up to 500 foot pounds (lb-ft) of elevation torque, with the precision and accuracy required by the most demanding applications.

MERCURY POSITIONER

Quickset's latest release of the Mercury Positioner brings Health and Usage Monitoring System (HUMS) and dual HD-SDI capabilities for expanded performance. The positioner is certified to hold payloads up to 50 lb mobile and 75 lb fixed and withstands MIL-STD-810G Composite Wheeled Vehicle vibration exposure, making it ideal for applications in harsh environments and rugged terrain. The Mercury Positioner can manage speeds up to 100 deg/sec and is ideal for fixed and vehicle mounted applications.

MPT SERIES

The MPT Positioner Series leverages the strength and reliability of Quickset legacy products and is improved with an enhanced electronics package offering new advantages to mission critical applications.

MPT Positioners are equipped with an integrated HUMS. This provides intelligence to users regarding the condition of payloads, allowing for preventative maintenance to extend the life of critical equipment. An embedded web server enables easy discovery and control of all positioners and integrated components on a network, eliminating the need for 3rd party software. Expanded velocity control offers the MPT finer resolution of speed and acceleration, ultimately improving scaling applications. Users will enjoy the capacity of multiple configurable communication ports for convenient payload integration and communication.

QPT SERIES

The legacy QPT Series of Pan and Tilt positioners are designed for a wide variety of applications. They are rugged and durable enough for virtually any environment. Capable of handling payloads ranging from 8 to 500 lb-ft of torque, the QPT series is suitable for a wide range of sensors.

MPT – RF SERIES

MPT – RF SERIES The RF benefits have now been added to our MPT-50 and 90 RF family of positioners. The MPT RF Series employs rotary joint technology providing continuous rotation capability while maintaining the signal integrity of radio frequency for communications and high bandwidth applications. Available in one or two channel models.

CAMERA SYSTEMS

Quickset offers a wide range of camera systems including

- PTZ network camera systems
- Single or dual PTZ analog systems
- Customized visible and thermal systems

MPT SINGLE CAMERA SYSTEMS

Quickset offers Medium and Long Range Day Camera Systems using the latest MPT postioners and HD CMOS sensor technology to deliver excellent low-light capabilities. The systems are paired with a true HD lens and provide HD-SDI or IP outputs, yielding a crisp picture that takes full advantage of the latest camera technology. Options for the Long Range system include image stabilization and heat haze mitigation.

MERCURY CAMERA SYSTEM

Quickset's Mercury Based Medium Range Camera System is a robust package with a continuous zoom mid-wave IR 550 mm optic and a 500 mm continuous zoom day/night camera. The continuous zoom NIR sensitive day/night camera offers enhanced features that support fog mitigation algorithms, black glass, and fast autofocus. The Mercury Medium Range Camera System is offered with tracking as an option. Multi-Algorithm Video Tracking is located within the system, ensuring maximum target coverage without the need for external hardware or adapters. Ideal applications include c-UAS/drone tracking, border security, and perimeter intrusion detection.

EXO® GEMINEYE®

The IP-based EXO GeminEye High Definition (HD) Network Thermal and HD Visible Imaging System is the professional's choice for capturing brilliant, 1080P full HD video in maritime, transportation, and other high risk applications. The EXO GeminEye modular pan and tilt imaging system meets the growing demand for high-performance surveillance solutions. Completely customizable, the EXO GeminEye consists of a modular system of imager blocks that can be easily adjusted to accommodate multiple configurations. Available with mid-wave, long wave, and near IR options, the EXO GeminEye family provides a good solution for short to medium range surveillance applications.

TRIPODS

Quickset tripods and positioning systems are designed for reliability and performance.

SAMSON

The Samson Series focuses on precision manufacturing, detailed assembly, and quality parts. Its lightweight design allows for a completely man-portable platform, without compromising the incredible durability required for mission-critical applications.

With payload capabilities up to 90 lb (41 kg) and anodized tubular construction, the Samson tripod is designed to be the perfect fit for any tough job requiring quick, one man deployment.

HERCULES

When your mission depends upon the performance of a tripod, the Hercules has proven itself reliable in thousands of critical applications. This track record of applications requiring 100% reliability assures Quickset loyalty and repeat business from major industrial firms and governments around the globe.

The superb torsional stability of the Hercules Series is matched by its support strength (up to 150 lb., 68 kg). A rack and pinion driven center column allows vertical height adjustments of 18 in (46 cm). Robust, thick-walled anodized tubular construction guarantees years of reliable performance, regardless of environment.

GIBRALTAR

Functional, durable and fully reliable; these are the common denominators for the basic demands on industrial and military support systems. Conditions for use have become increasingly demanding over the life of our products. Heavier and more accurate instrumentation, use in hostile situations and minimizing maintenance requirements are all factors that went into the design of our tripod products.

The Gibraltar Series is purpose built for the heaviest and most sensitive payloads. These tripods sustain loads of up to 400 lb. (182 kg). Thick-walled tubing along with cast aluminum components allow years of exceptional performance. Models with the optional rack and pinion driven column have a vertical height variability of 18 in (46 cm).

TRIPOD HEADS

To increase the capability of our tripods, Quickset developed a bevy of geared, sprung and calibrated heads for precise positioning of a wide array of sensors and instruments.

For increased product support, Quickset tripods and their associated heads and adapters are designed with ease of use and minimal maintenance in mind. In the most difficult conditions existing today for the military and industrial user, reliability of function and ease of operation continues to be a goal for all Quickset products.

ENCLOSURES AND ACCESSORIES

Quickset has over 30 years of history designing and manufacturing robust enclosures and related accessories to protect the sensitive optics and electronics of cameras in the harshest applications.

CORROSION RESISTANT

The Fusion Stainless Steel Dome is a rugged, corrosion resistant camera enclosure engineered to protect PTZ cameras and lenses in the harshest environments, while supporting crystal clear video capture. Corrosive marine and coastline applications, as well as heavily-saturated chemical environments, are no match for the robust 316 SS housing and sunshield. The specially-engineered, optically-clear lower dome is equally ideal for harsh applications.
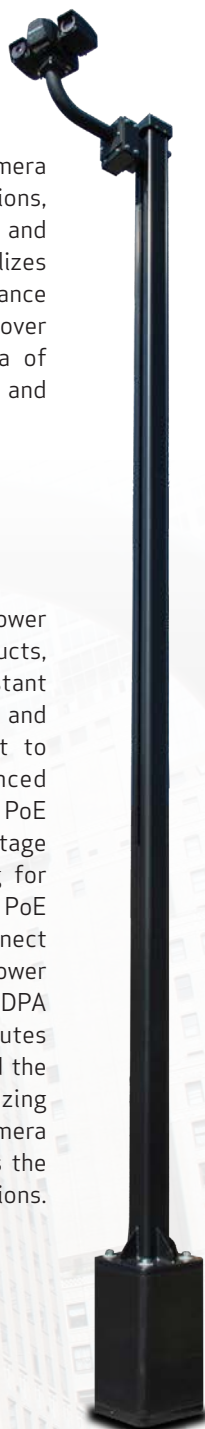
THERMIQ™

The flagship of our fixed camera enclosures features innovative Thermiq™ Cooling Technology which is ideal for surveillance applications in cities, on highways, or in any extreme heat environment. Thermiq Technology keeps cameras closer to ambient temperature by flowing warm internal air and cool external air across a heat sink designed for maximum efficiency. Through this functionality, heat generated by leading IP cameras and sun radiation is evacuated from the housing allowing sensitive IP camera electronics to operate more reliably in harsh environments.

POLEVATOR™

The PolEvator™ is a patented and fully integrated pole and camera lowering device designed for schools, maritime applications, transportation, railway platforms, power generation plants, and corporate campuses. The black extruded aluminum pole utilizes an internal mechanism to raise and lower a variety of surveillance systems for maintenance, service, and replacement. For over 20 years, PolEvators have supported security in a plethora of applications offering unmatched serviceability for cameras and related equipment.

POE

Quickset offers numerous Power Over Ethernet (PoE) products, including this vandal-resistant enclosure, that provide simple and quick installation in an effort to reduce project cost. The advanced technology engineered into the PoE Ready line allows full advantage of the benefits of PoE wiring for outdoor camera systems. One PoE cable is all you need to connect the Quickset Dynamic Power Allocation™ (DPA) system. DPA technology intelligently distributes power between the camera and the heater/blower (H&B); prioritizing the incoming power so that camera operation is guaranteed across the full range of the camera's conditions.

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