

SENSOR AND SURVEILLANCE SYSTEMS



BORDER SECURITY
OFFERINGS





Critical Solutions for Those Who Serve



Homeland Security
Means Protecting Our Loved Ones



Enabling The First Responders

Choose QuickSet for Maximum Durability



Quickset Defense Technologies products have supported U.S. and foreign border security initiatives for over 30 years, with nearly 2,000 positioners deployed within the United States alone. From the hot desert to the cold mountains, our products enable and support Border Agents, Officers, and Operators in achieving their mission.

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.

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

TAURUS®-R CAMERA SYSTEM

QuickSet's Taurus-R camera systems are optimized for the harshest mobile and stationary applications. Chassis reinforcements coupled with a decades-proven drivetrain allow for precise control of long range optics, giving critical intel to forward operators.

The newest evolution of this product incorporates an industry-leading dual HD-SDI slip ring, allowing two channels of uncompressed video accompanying the co-located radar. This system can also be configured for IP video depending on application requirements.



MPT CAMERA SYSTEM

QuickSet offers various Visible Camera Systems that use the latest HD CMOS sensor technology to deliver excellent low-light capability. These systems are paired with true HD lens, and can be configured for HD-SDI or IP video output, depending on end-use requirements.

Additionally, these systems have numerous additional features including hardware options (NIR cut filters, optical image stabilization, etc.) or software functions (heat haze mitigation, electronic image stabilization, fog reduction, etc.).



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 border 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 and long wave options, the EXO GeminEye family provides a good solution for short to medium range surveillance applications.



MERCURY CAMERA SYSTEM

QuickSet's Mercury-based Medium Range Camera System is a highly configurable package with a continuous zoom mid-wave IR 550 or 785mm optic and a 500 or 800mm continuous zoom day/night camera. The 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 optional tracking technology which leverages the strengths of the Lycos system in a smaller footprint. Ideal applications include c-UAS/drone tracking, border security, and perimeter intrusion detection.



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 delivers Health and Usage Monitoring System (HUMS) and dual HD-SDI capabilities for expanded performance. The positioner is certified to hold multiple payloads, weighing up to 50 lbs. mobile and 75 lbs. 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 $100^{\circ}/s$ and is ideal for medium range fixed and vehicle-mounted applications.



MPT SERIES

The MPT QuickSet Pan and Tilt 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.



TAURUS®-R POSITIONER

The QuickSet Taurus Pan and Tilt was specifically designed to meet the demanding requirements for ground vehicles in border applications. Recent product improvements include the addition of our updated control electronics and HUMS along with improved motor drivers and a dual channel HD-SDI slip ring.



A fixed central shaft allows for the co-location of fixed or articulating radar or other payloads. The Taurus-R can accurately position up to 150 lbs of payloads (balanced)

MPT - RF SERIES

The MPT benefits have now been added to our MPT-50 and 90 RF family of positioners. The 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, our legacy QPT RF positioners can handle payloads up to 500 lb-ft. of torque, and provide the precise positioning and control of motion synonymous with QuickSet.





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