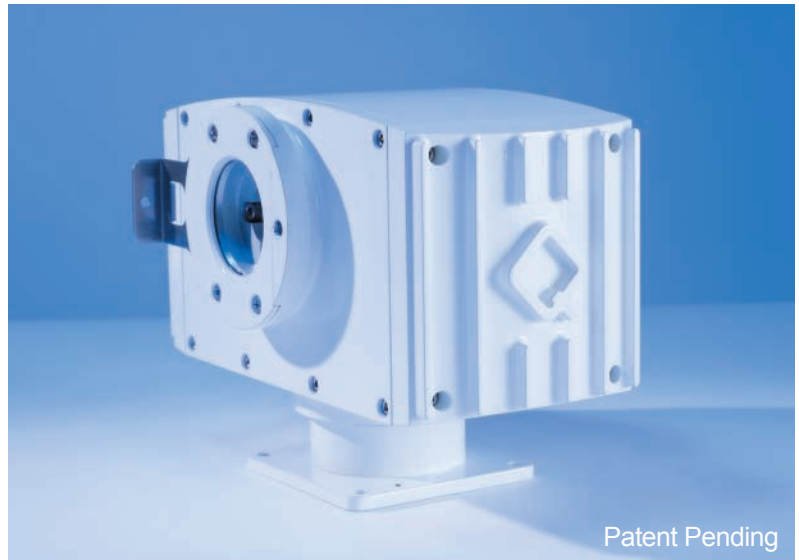




The demand for high performance day/night surveillance is pressing for smaller, smarter, less expensive products. At the same time, the environments in which imaging products must function are increasingly hostile. Responding to this demand, QuickSet developed the QPT-LT Pan & Tilt Positioner.

Applications

- | | |
|-----------------------|------------------------|
| Airport Security | Military Base Security |
| Building Security | Municipal Security |
| Harbor Surveillance | Remote Surveillance |
| Highway Monitoring | Ship Safety Security |
| Mass Transit Security | |



Patent Pending

Key Features

- Compact/Rugged Design
- Quick-change Camera Modules (blocks) with True Plug 'n Play
- Network Controllable or Dedicated (UniCom[®]-LT) Controller
- Universal Operating Protocol, Unaffected by Camera Changes
- Mil-STD-810F, IP66 Seal and Pressurized Housings
- 10-30 VDC Operations
- Continuous 360° Rotation
- Mobile & Invertible
- No Exposed Wiring
- QuickSet Quality
- Full Two-Way Communication
- Programmable Stow Location
- Mounting Kits (see back)

Optional UniCom[®]-LT Controller

The UniCom-LT controller was specifically designed to manage a network of QPT-LT positioning nodes. The powerful digital controller is capable of managing all camera functions and up to 99 nodes, yet is very affordable.



QPT-LT Specifications

Voltage	10 to 30 VDC with reverse polarity
Pan Range	360° continuous
Pan Speed	0.25°-100°/sec
Tilt Range	-90° to +90° non-continuous
Tilt Speed	.25° - 60°/sec
Motor Type/Drive	Steppers with belt drive
Connector	Mil Spec, bottom pigtail or side mount (height increase) connector
Weight	Less than 22lbs. (10 kg) without cameras
Drive Train	IP-66/67 Sealing: IP66/67
Microprocessor Control	32 presets, 2 tours, 2 memory tours
Control Formats	Serial RS422 485/autoband
Repeatability	.25°
Materials	Aluminum housings, steel hardware
Marine Resistant	Paint, bearings, gasket
Enclosures	IP66, sealed, pressurized camera housings
Operating Temperature Range	-32° to 55°C (-25.6° to 131° F)
Position Feedback	Monitor pulse count (each micro step = .01 degree)
Optional Features	Side-mount "L" brackets for customer payloads Color variations Video(s) streaming and control over IP in base

Accessories

Camera Blocks

The camera blocks are unique and are designed for quick (one lever) disconnect from the positioning platform. Customers can reconfigure systems from day to night payloads or install both at the same time. These "camera blocks" contain embedded translation of the camera operating protocol to the universal protocol of the system. Cameras can be "swapped" at will without any change to the system commands. Available in both visible and thermal camera configurations.



Cables

Cables are available in standard and (optional) extended lengths.



Power Supply

Commercial power supplies available.



Side-Mount "L" Brackets

Customer-supplied payloads.

Reusable Shipping Container

Durable containers are available.



Specifications subject to change without notice.
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