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For Immediate Release

PTU-D48 E-Series with Continuous Pan

Rugged, Compact Pan/Tilt with Integrated Ethernet

BURLINGAME, California. March 31, 2010 – FLIR Motion Control Systems Inc. (formerly Directed Perception), a leading manufacturer of advanced products for the control and positioning of sensors, today announced the launch of its PTU-D48 E-Series pan/tilt unit. The PTU-D48 E-Series pan/tilt handles payloads to over 15 lbs. and offers a fully integrated multi-payload solution for fixed and mobile applications in harsh environments. The PTU-D48 E-Series model offers built-in Ethernet, digital encoders, and a slip-ring for 360-continuous pan with pass-through signals for dual-video, power, serial, and Ethernet.

Rugged, Compact, Advanced Features

The PTU-D48 E-Series model is a fully-integrated, high-performance pan-tilt unit designed to support a variety of camera, laser, antenna, or other sensor payloads. Features of the PTU-D48 E-Series include

- Flexible - payloads to over 15 lbs. – top and/or side mount
- Slip-ring for nx360-continuous pan
- Accurate - position resolution up to 0.003°
- Fast - pan-speed: 100°/second
- Controllable – wide speed range from 0.003° to 100°/second

- User-programmable ranges of motion
- Integrated Ethernet and Web interfaces
- Rugged all-weather design (IP67)
- Single 12-30VDC power input
- Compact: ~ 11lbs, and < 10.5” tall
- Wide-range operating temperature (-30° to +70° C) (no heaters required)
- Multiple built-in control interfaces: RS-232, RS-485, RS-422, and Ethernet

Proven platform for demanding applications

The PTU-D48 E-Series builds on the successful PTU-D48 family of pan-tilt units proven in a wide range of demanding sensor and communications applications in airborne, ground-mobile, and fixed environments. The PTU-D48 E-Series pan/tilt incorporates a patent-pending mechanical design using a worm gear for superior dynamics and rigidity – no belts or pulleys.

Price and Availability

Available starting May, 2010. Pricing depends on volume and model configuration.

About FLIR Motion Control Systems

Founded with a mission to be a leading manufacturer of innovative devices and software for the intelligent control of sensors and sensor processing, FLIR Motion Control Systems, Inc. (formerly Directed Perception) created one of the first miniature computer-controlled pan/tilt tracking mounts in 1992. FLIR MCS continues to lead the field in innovation, applied design, and service with patented products in use in a wide range of industries including Security & Surveillance, Industrial Automation, Robotics, Communications, Military/Aerospace, Law Enforcement, Education, R&D, Webcams, and Teleconferencing/distance learning applications. Our pan/tilt devices provide precise control of sensors like video cameras, thermal imagers, laser rangefinders, microwave antennas, and many more. MCS maintains engineering capabilities in mechanical design, electronics, and embedded, and network software development. More information at www.FLIR.com/MCS

About FLIR Systems

As the world’s largest commercial infrared company, FLIR Systems has fielded more high quality maritime thermal night vision systems than anyone in the world. Our rugged, stabilized imagers are on thousands of civil and maritime platforms – surface and airborne – in the US and around the world. That’s more than every other manufacturer combined.

FLIR’s powerful, rugged, all-weather thermal imagers allow you to navigate safely and confidently – seeing obstructions, buoys, and other vessels through total darkness. From the low-cost Navigator II to

the revolutionary M-Series; from the long-range Voyager II to the hand-held First Mate, FLIR's family of maritime thermal imagers will help you see at night and keep you and your loved ones safe.

Whether you're heading out early, coming home late, or cruising around the clock, FLIR has a thermal night vision system to meet your needs.

With thousands of our thermal cameras on the job in military, scientific, law enforcement, and security applications, FLIR brings an unmatched level of experience and dedication to the creation of cutting edge thermal night vision systems.

We design and manufacture all of the critical technologies inside our products, including detectors, electronics, special lenses, pan/tilt motion control systems, and we assemble it all right here in the US. For additional technical information, or to see a demonstration of these revolutionary thermal night vision systems, contact a FLIR representative today. You can also visit www.FLIR.com to watch product videos and see how thermal imaging can keep you on the water, night and day.

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PTU-D48 E-Series – High-Performance Pan-Tilt for Payloads to 15 lbs.