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**For Immediate Release**

**DIRECTED PERCEPTION PTU-D47 INTEGRATED PAN-TILT FOR  
OUTDOOR PAYLOADS**

**Compact, Rugged Control of Payloads to 12 lbs.**

**BURLINGAME, California. February 19, 2007** - Directed Perception, Inc. today announced the availability of its PTU-D47 model computer controlled pan-tilt unit. The PTU-D47 is a fully integrated, computer-controlled pan-tilt unit for precise pointing and real-time control of cameras and other payloads to 12 lbs. The rugged all-in-one design is compact and supports single and multi-part payloads including cameras, lasers, antennae, and more. It offers speeds to 300 degrees/second and position resolution to 0.01 degrees. Built-in dynamic control capabilities include on-the-fly speed and position command changes at over 30Hz supporting a wide range of applications including real-time tracking. An available software API supports integration with custom applications. Geo-pointing and stabilizations options are available.

**Designed for High Duty Cycles**

Traditional pan-tilt systems are designed only for human operations or infrequent tour programming where motion is infrequent and predictable. Today's automated intelligent video surveillance systems require pan-tilt units that can sustain high duty cycles and which provide real-time control features for slew-to-queue and automated video tracking. The PTU-D47 has been designed to support real-time applications and 100% duty cycles.



### **Single or Multiple Payloads to 12 lbs.**

The sturdy mechanical design provides rigid, stable, payload positioning with very good dynamics.

Specific performance features include:

- Payload capacities of 12 lbs (side mount)
- Fully controllable pan and tilt speeds ranging from below 0.01 °/second to 300 °/second
- +/- 0.01 ° positioning accuracy
- Cable management and pass-through of payload wiring
- Single connection for payload and pan-tilt signals

The PTU-D47 includes a fully-integrated controller with digital commands for fine-grained control of speed, acceleration, position limits, and power modes. Unit can be commanded in terms of either position or velocity and allows on-the-fly command changes to support dynamic tracking applications. Both RS-232 and RS-485 interfaces are available, with other network interfaces on request. Control software interfaces available include a LabView driver and a C source-code API for use with embedded or desktop CPUs.

The PTU-D47 is constructed of anodized, machined high-grade aluminum and provides a sleek, integrated package with flexible payload and pan-tilt mounting options. Packaging features include:

- Rugged all-weather design (IP66) with wide-range operating temperature (-20° to +60° C)
- 100% duty cycle or 3-5 million cycles
- Single 9-30VDC power input
- Single mil-style connector for all signals and power. Pass through of payload signals including power, video, and serial control.
- Compact size (6.5" x 3.5" x 4.8" not including payload bracket)
- Light weight: 5.38 lbs.



### **Price and Availability**

The PTU-D47 is available now. U.S. pricing is \$2900 (Quantity 1) for standard configuration.

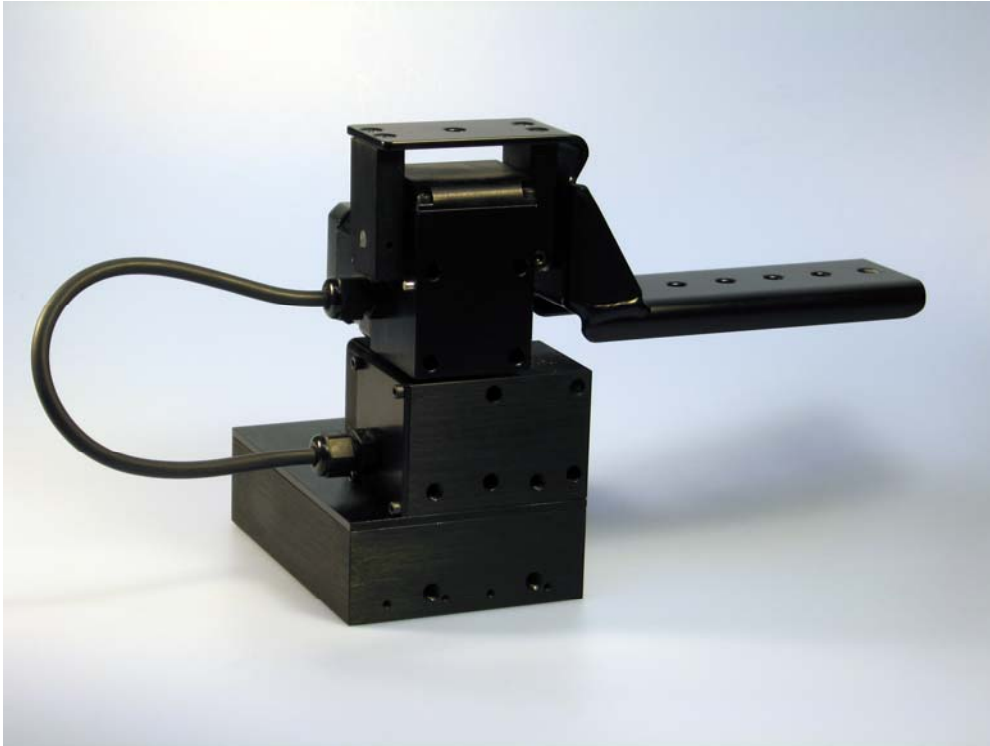
### **About Directed Perception, Inc.**

**Directed Perception** is a leading manufacturer of innovative devices and software for the intelligent control of sensors and sensor processing including video cameras, IR sensors, laser rangefinders, microwave antennas, thermo-imaging sensors, and more. The Company's products are designed to be precise, rugged, and low-cost to support demanding applications, such as tracking, in a broad range of OEM and end-user applications. Directed Perception's flagship miniature computer-controlled pan-tilt tracking mount was one of the first of its kind and has been sold to OEMs and end-users worldwide since 1992. The Company's patented products are used 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.

Directed Perception customers include industry-leading companies worldwide in aerospace, defense, security & surveillance, robotics and industrial automation. Directed Perception sells its products direct and through distributors and partners worldwide.

Directed Perception is privately held and headquartered in Burlingame, in northern California.

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**PTU-D47 – Integrated High-Speed Pan-tilt**