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### **For Immediate Release**

## **Directed Perception PTU-D48-DVE Rugged Pan-Tilt for Driver Vision Enhancer**

### **Supports DVE-FOS, FADS and other wheeled vehicle applications**

**BURLINGAME, California. January 20, 2009** - Directed Perception, Inc., a leading manufacturer of advanced products for the control and pointing of sensors, today announced the availability of its PTU-D48-DVE model pan-tilt unit designed for use in Driver Vision Enhancer Family of Systems (DVE-FOS) and Forward Activity Detection Systems (FADS) applications. The PTU-D48-DVE is based on Directed Perception's popular and proven PTU-D48 family of pan-tilt units. The PTU-D48-DVE meets technical requirements for DVE/DVE-FOS/FADS systems while providing several capabilities that other solutions do not, including:

- Compact form factor
- Full digital interface with speed/acceleration control and absolute positioning - to meet current DVE/FADS requirements as well as future applications.
- Precise, slew-to-cue functionality
- Solid and vibration-tolerant for vehicle applications
- Reliable worm-gear design - no belts/pulleys
- Flexible payload mounting (top and/or side)
- Integrated controller - no other electronics box required
- Option for internal payload wire through
- Compatibility with other Directed Perception pan-tilt units



### **Drop-In COTS Solution for Camera OEMs and Systems Integrators**

The PTU-D48-DVE provides a low-risk, drop-in solution for systems integrators and camera OEMs. Standard compliant interfaces reduce integration effort and ensure compatibility and interchangeability.

The integrated design of the PTU-D48 provides a complete turn-key positioning solution for fast, accurate, dynamic, computer-controlled positioning of pan and tilt through a wide range of motion.

### **Compliant specifications plus advanced feature set at low cost**

The PTU-D48-DVE meets technical requirements for DVE-FOS/FADS applications and is ideal for all similar vehicle mounted camera surveillance systems. The advanced features of the PTU-D48-DVE provide integrators a smooth migration path to meet tomorrow's requirements. The PTU-D48-DVE offers low parts count for increase reliability, high-volume manufacturability, and low cost.

The PTU-D48 includes a fully-integrated controller with digital commands for fine-grained control of speed, acceleration, position limits, and power modes. Key specifications include:

- All metal worm-gear design (no belts, pulleys)
- Single 16-32VDC power input with raw power conditioning
- Compact size (7.8"H x 5.4"W x 5.5"D)
- Weight: under 10 lbs.
- Digital real-time control interface
- Joystick/Controller (Optional)

### **Price and Availability**

The PTU-D48 is available to qualified customers. Contact [sales@dperception.com](mailto:sales@dperception.com) for pricing and technical specifications. Full-rate production quantities available up to 5000 units/month.

### **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. Directed Perception offers a complete line of pan & tilt devices for computer-controlled positioning in both indoor and outdoor environments. Directed Perception's pan-tilt devices offer high speed, precision, durability, and small form factors. Directed Perception serves systems integrators and OEMs in mission-critical applications including surveillance, sensor fusion, automated detection and tracking, robotics, communications, border security, machine vision, and automated test in military, aerospace, and industrial markets.

Directed Perception has a 16-year history of pioneering camera and sensor control systems. In commercial markets, Directed Perception serves market leaders such as IBM, Bechtel, iRobot, Cognex, Honeywell, and hundreds of major universities and small, innovative companies worldwide. In military and homeland security markets, Directed Perception has helped companies such as General Dynamics, Harris Corporation, Northrop Grumman, Raytheon, Boeing, Lockheed Martin, BAE Systems, and SAIC to serve the needs of the most demanding customers including the U.S. Armed Forces, U.S. Government, and NASA. Directed Perception is privately held and headquartered in Burlingame, in Northern California.

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**PTU-D48-DVE – Rugged Pan-Tilt for DVE-FOS/FADS Applications**