

Outdoor Pan-Tilt Unit

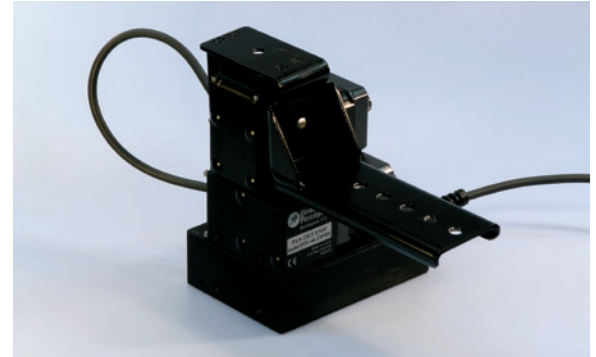
Compact, Precise, Integrated

Fully Integrated, Computer-Controlled Positioning

The PTU-D47 is a family of integrated computer-controlled pan-tilt units designed for intelligent positioning and control of camera, laser, antenna, and other payloads to 12 lbs. It is a fully integrated design with single weatherized connection for power, control, and camera/payload signals. Its compact size and light weight make it ideal for mast/pole mount, portable/tripod, and vehicle applications.

Payloads can be side and/or top mounted. The PTU-D47 withstands high duty-cycles and offers long-life in harsh all-weather environments. Key features include:

- Positions any payload: IP cameras, antennas, lasers
- Smooth, repeatable motion and rigid design provides steady images in windy environments
- Powerful command set supports real-time detection and tracking applications: absolute angle, relative angle, velocity control, geo-pointing (lat/lon) with GPM option
- Solid and vibration-tolerant for vehicle applications
- Wide-range of pan speeds (< 0.01°/sec. to 300°/sec.)
- Extremely precise positioning (0.01°) allows moving object positions to map coordinates accurately
- Single connector for all video, control, power
- Flexible payload mounting (top and/or side)
- Integrated controller - no other electronics box required
- Computer interface via RS-232/485 or Ethernet (option)
- Fully sealed for outdoor applications (IP66)



Applications

- Perimeter surveillance
- Automated antenna pointing
- Vehicle camera systems
- Laser ranging systems
- Video detection & tracking
- Industrial automation
- Law Enforcement
- Force Protection

