

# POSITIONIT<sup>®</sup>

## New Heavy-Duty Pan and Tilt Positioner by Will-Burt

- Payload Capacity – Up to 150 ft.-lbs. / 202 Nm
- Waterproof – IP 68 Rated
- Pelco-D Communications
- Universal Mounting Plate

PositionIt by Will-Burt is a maintenance-free pan and tilt positioner designed to provide years of trouble-free service. An IP68 rating delivers dust and water protection. The gear box is designed to minimize backlash and provides higher gear ratios for lower speeds along with mechanical braking. Long-life potentiometers are standard with PositionIt.

### ESSENTIAL FEATURES

- **Replacement for MOOG QuickSet QPT Positioners**
  - Direct connection to existing QuickSet control/power cable
- **Pelco-D RS-485 Communications**
- **Strong lightweight construction**
  - Die-cast aluminum casing
- **Minimal backlash**
  - Precision turned and milled components with ball races on major axes
- **Built to last**
  - Stainless steel fasteners
- **Weatherproof**
  - IP 68 rating
- **Simple to install**
- **Universal mounting plate**
  - Suitable for most common payloads
- **Corrosion resistant finish**
  - Black
- **Regenerative braking**
  - On motor shaft
- **Long operational life**
  - 2 year warranty on Will-Burt PositionIt™ Positioners
  - 3 year mechanical and 2 year electrical warranty on Static Positioners
- **Flexible connection**
  - Bottom or side
- **We also offer a complete range of positioners for fixed applications and camera enclosures.**



### POSITIONIT SPECIFICATIONS

Model	PI-150	PI-75
Payload Capacity*	150 ft lb / 202 Nm	75 ft lb / 101 Nm
Height	11.32 in. / 287.7 mm	11.32 in. / 287.7 mm
Width	12.4 in. / 314 mm	9.21 in. / 234 mm
Depth	6.8 in. / 171 mm	6.8 in. / 171 mm
Weight	37 lb / 16.8 kg	35 lb / 16 kg
Operating Temperature	-20°C to 50°C / -4°F to 122°F	
IP Rating	IP68 - Waterproof (immersion) and Dustproof	
Pan Axis	400° (± 200°)	
Pan Speed (proportional)	0.02 to 6.5° / second	
Tilt Axis	180° (± 90°)	
Tilt Speed (proportional)	0.02 to 5.5° / second	
Backlash	≤ 0.15°	
Repeatability	≤ 0.3°	
Maximum Continuous Power	44 W	
Maximum Running Current	1.85 amps	
Input Voltage	24 VDC - Converters available for 12 VDC and AC power sources	

\*Capacity measured at 12 inches or less from the tilt axis. Dimensions and weights are for reference only and are subject to change. Contact Will-Burt for current engineering specifications.

### POSITIONIT CONTROLLERS

The handheld and 2U rack mount controllers are Pelco-D compatible with programmable home and stow positions. The AC powered rack mount controller provides power and pan and tilt commands to the positioner and is adaptable to contact closure switches for I/O panels. The handheld controller has a keyboard for programming and an LCD screen and can be optionally used in conjunction with the rack mount controller.



# CONTACT YOUR SALES REPRESENTATIVE TODAY

The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every payload elevation and integration solution from the top brands; Will-Burt, GEROH, Integrated Tower Systems (ITS) and MAD – for defense, government, first responders, cellular, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.



[www.willburt.com](http://www.willburt.com)

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