

Introducing the new PositionIt range of positioners with improved, next-generation control electronics and software while retaining the rugged reliability of the original PositionIt range. The new PositionIt series is dimensionally and electrically identical to the first generation with fully backwards compatible electronics and software. Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable minimum speeds and speed ramps. The new GUI for configuring and commissioning allows users to set and adjust many features that were originally factory set only. It also boasts many new features such as the ability to receive positional feedback, set home position and limit stops and fault diagnostics.

## Essential Features

- Designed, Manufactured, and Tested to excel in Mobile Applications
  - Hardened metal gears
  - MIL-STD 810 certified by independent laboratory
- Strong, lightweight construction
  - Die-cast aluminum housing
  - Stainless steel fasteners
- New Graphical User Interface (GUI)
  - Greater level of control with user set features
  - Faster set-up
  - Positional feedback
- More precise than ever
  - Higher level of motor control
  - Greater positional accuracy
- Regenerative Braking
  - On motor shaft
- Flexible Connection
  - Bottom or side
- Universal mounting plate
  - Suitable for most common payloads
- Pelco-D over RS-485 Communications
- Weather-proof
  - IP 68 Rated
- Long Operational Life
  - 2-year warranty
- Backwards compatible



PI-150



PI-75



PI-35



Rack Mount Controller

## Specifications

Model	PI-150	PI-75	PI-35
Payload Capacity* (ft lb / Nm)	150 / 202	75 ft / 101	35 / 47
Height (in. / mm)	11.32 / 287.7	11.32 / 287.7	9.7 / 246
Width (in. / mm)	12.4 / 314	9.21 / 234	10.8 / 273
Depth (in. / mm)	6.8 / 171	6.8 / 171	5.7 / 144
Weight (lb / kg)	37 / 16.8	35 / 16	19.5 / 8.9
Operating Temperature	-40°C to 60°C / -40°F to 140°F		
IP Rating	IP68 - Waterproof (immersion) and Dustproof		
Pan Axis	400° (± 200°)		
Pan Speed (proportional)	0.02 to 6.5° / second		1° to 12° / second
Tilt Axis	180° (± 90°)		
Tilt Speed (proportional)	0.02 to 5.5° / second		1° to 12° / 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.