

Introducing the AccuPoint range of positioners, retaining everything that was great about the original static mounted range but now includes our improved next generation control electronics. The new AccuPoint positioners have higher positional accuracy and are easier to use than ever. With a greater level of motor control, your surveillance capability will be at its highest and antenna accuracy will be precise. Supplied with a simple graphic interface (GUI), it is now easier to configure allowing faster installation times and more capabilities to fulfill your specifications. Know the exact pointing location of your device with positional feedback and adjust it easily to the direction needed.



The AccuPoint series is dimensionally and electrically identical to the first generation of Will-Burt positioners with backwards compatible software. Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable min speeds and speed ramps. The new GUI for configuring and commissioning allows users to set home positions, receive position feedback, and adjust many other features that were originally factory set standards. Rugged and robust as ever before, AccuPoint can withstand the harshest weather conditions.



The naming convention for AccuPoint is easier than ever with each positioner being labeled with its payload capacity - AP-8, AP-30, and AP-50. Available in these three sizes, all units can be configured for over the top or side mount operation.



If your application calls for the ultimate in maintenance-free all-weather performance, look no further. Contact a sales representative for more information.

## ESSENTIAL FEATURES:

- Backwards compatible
- Greater level of control with user set features
- Higher level of motor control and greater positional accuracy
- Faster setup
- Positional feedback
- Rugged and robust
- Pelco D over RS485 Communications
- IP68 Rated
- 3 year warranty

## Improved Features

Feature	Original	*New*
Setting Address	Factory Set Option	User Set via GUI
Setting Baud Rate	Factory Set Option	User Set via GUI
'Stow/Unstow' or 'Std Preset 1 & 2'	Factory Set Option	User Set via GUI
Selectable Protocols	Factory Set Option	User Set via GUI
Pan and Tilt Invert	Special Order	User Set via GUI
Updating Firmware	Return to factory	User Set via GUI
Adjustable Home Position	Not available	User Set via GUI
Tare-able Absolute Positioning Feedback	Not available	User Set via GUI
Wash Position	Not Available	User Set via GUI
Adjustable RS485 TX / RX Timings	Not Available	User Set via GUI
Adjustable Min Speed	Not Available	User Set via GUI
Adjustable Speed Ramp	Not Available	User Set via GUI

## SPECIFICATIONS

	AP-50		AP-30		AP-8	
	Side Mount	Over the Top	Side Mount	Over the Top	Side Mount	Over the Top
Height (Standard)	9.3 in. / 235.1 mm	9.8 in. / 248.1 mm	7.4 in. / 187 mm	8 in. / 204 mm	5.2 in. / 131 mm	5.8 in. / 146.2 mm
Platform Width	7 in. / 177.2 mm	9.2 in. / 234 mm	7 in. / 178.7 mm	7.8 in. / 197 mm	6.4 in. / 162.1 mm	5.8 in. / 147 mm
Total Width	15.8 in. / 400.9 mm	9.6 in. / 243.6 mm	14.6 in. / 369.8 mm	8.2 in. / 207.5 mm	12.2 in. / 309.5 mm	6.2 in. / 158.1 mm
Depth (without plugs)	7 in. / 177 mm	7 in. / 177 mm	6 in. / 152.8 mm	5.9 in. / 149.64 mm	5.2 in. / 132 mm	5 in. / 127 mm
Weight	< 26.5 lb. / 12 kg	< 26.5 lb. / 12 kg	< 13.2 lb. / 6 kg	< 13.2 lb. / 6 kg	< 5.1 lb. / 2.3 kg	< 5.1 lb. / 2.3 kg
Voltagess	24 VDC - Converters available for 12 VDC and AC power sources		24 VDC - Converters available for 12 VDC and AC power sources		24 VDC - Converters available for 12 VDC and AC power sources	
Pan Gear Box Speed (Max)	30°/sec		48°/sec		24°/sec	
Tilt Gear Box Speed (Max)	10°/sec		12°/sec		6°/sec	
Capacity	50 ft-lb		30 ft-lb		8 ft-lb	
Pan Range	±180°		±180°		±180°	
Tilt Range	±90°	+90° / -45°	±90°	+90° / -45°	±90°	+90° / -45°
Backlash	0.15°		0.15°		0.15°	
Repeatability	< 0.3°		0.3°		< 0.3°	
Ingress Protection	IP68		IP68		IP68	
Temperature Range	-4° to 122° F / -20° to +50° C		-4° to 122° F / -20° to +50° C		-4° to 122° F / -20° to +50° C	
Max Current Draw	1.85 A		1.85 A		0.85 A	
Protocol	RS485 / PELCO D		RS485 / PELCO D		RS485 / PELCO D	
Absolute Positioning	YES		YES		YES	
Positional Feedback	YES		YES		YES	
Application	STATIC MOUNT		STATIC MOUNT		STATIC MOUNT	
Housing Color	Grey		Grey		Grey	
Addresses	User Set via GUI		User Set via GUI		User Set via GUI	

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 mobile payload elevation and integration solution for defense, government, first responders, cellular and mobile, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. Will-Burt is an international company with offices and manufacturing in the USA, England, and Germany along with offices in Singapore and a joint venture in Turkey. 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.



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