

Introducing the AccuPoint Continuous Rotation range of positioners for static mount applications, maintaining everything that was great about the AccuPoint range but now with Continuous Rotation capability. The AccuPoint Continuous Rotation Range utilizes a high-quality slip ring capable of transmitting high-definition 3G-SDI video signals. The AccuPoint Continuous Rotation positioners provide high 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.

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 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.

Available in three sizes, all units can be configured for over-the-top or side mount operation.



**ESSENTIAL FEATURES:**

- Continuous Rotation pan operation.
- High Quality slipring with 3G-SDI video transmission capability.
- 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



CABLE ASSEMBLY SPECIFICATION	
SPECIFICATION	VALUE
Connector Type	Circular Connector, 12 Way
Cable Type	10 Core Composite Cable
Voltage Rating	24v
Max Current Rating	3A
Temperature Range	-40°C to +80°C
Ingress Protection	IP68 Connector

PIN-OUT & FLYING LEAD ASSIGNMENT		
Pin No.	Wire Ident/Colour	Assignment
A	N/A	N/A
B	Red	+V
C	Black	-0V
D	Green	GROUND
E	White/Brown	AUX DATA
F	Brown	AUX DATA
G	White/Yellow	DATA B
H	Yellow	DATA A
J	White/Blue	AUX DATA
K	N/A	N/A
L	COAX	COAX
M	Blue	AUX DATA

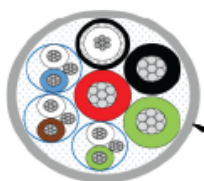
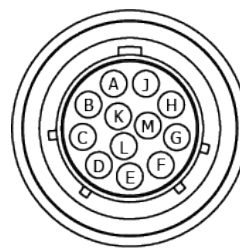


IMAGE TO SHOW TWISTED PAIR DATA CABLES FOR CLARITY WITH PIN-OUT TABLE



CONNECTOR FACE

**SPECIFICATIONS**

Model	AP CR-50	AP CR-30	AP CR-8
Mounting Option	<b>Over The Top</b>	<b>Over The Top</b>	<b>Over the Top</b>
Height (Standard)	15.0 in. / 381.6 mm	13.4 in. / 341.2 mm	11.2 in. / 283.5 mm
Platform Width	9.2 in. / 234 mm	7.8 in. / 197 mm	5.8 in. / 147 mm
Total Width	9.6 in. / 243.6 mm	8.2 in. / 207.5 mm	6.2 in. / 158 mm
Depth (without plugs)	7.1 in. / 179 mm	5.9 in. / 151 mm	5 in. / 129 mm
Weight	38.6 lb. / 17.5 kg	21.9 lb. / 9.9 kg	7.5 lb. / 3.4 kg
Voltages	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	CONTINUOUS	CONTINUOUS	CONTINUOUS
Tilt Range	+90° / -45°	+90° / -45°	+90° / -45°
Backlash	≤ 0.15°	≤ 0.15°	≤ 0.15°
Repeatability	≤ 0.3°	≤ 0.3°	≤ 0.3°
Ingress Protection	IP68	IP68	IP68
Temperature Range	-40° to 140° F / -40° to +60° C	-40° to 140° F / -40° to +60° C	-40° to 140° F / -40° to +60° C
Maximum Continuous Power	44 W	44 W	44 W
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

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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.

