



# PRODUCT SPECIFICATION

## SA75CVSW V2(3S)

<b>Control System</b>	Pulse width modulation control		
<b>Refresh Rate</b>	333Hz		
<b>Neutral Position</b>	1520 $\mu$ S		
<b>Signal Mode</b>	Digital		
<b>Dead band</b>	2 $\mu$ Sec		
<b>Operating Voltage</b>	10V ~ 13V		
<b>Operating Temperature</b>	-15C° ~ +70C°		
<b>Bearing</b>	Dual Ball Bearings		
<b>Mechanical Angle</b>	No Limit		
<b>Size</b>	40*20*41.5mm		
<b>Net Weight</b>	82g		
<b>Wire</b>	TYU+JST 300mm / 22AWG		
<b>Operating Travel</b>	180° $\pm$ 10°		
<b>Signal Range</b>	500 to 2500 $\mu$ Sec		
<b>Stall Torque</b>	39.0 kg-cm (542 oz-in) @ 11.1V 42.0 kg-cm (583 oz-in) @ 12.0V 45.0kg-cm (625 oz-in) @ 12.6V	<b>Unload Current</b>	480*mA @ 11.1V 550mA @ 12.0V 580mA @ 12.6V
<b>Operating Speed</b>	0.105sec/ 60° @ 11.1V 0.093sec/60° @ 12.0V 0.090sec/60° @ 12.6V	<b>Loading Current</b>	4000mA @ 11.1V 4500mA @ 12.0V 4800mA @ 12.6V
<b>Direction</b>	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
<b>Waterproof Level</b>	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
<b>Servo Mode</b>	<input checked="" type="checkbox"/> Regular Mode <input checked="" type="checkbox"/> Winch Mode <input type="checkbox"/> Multiple-Rotation Mode		
<b>Angle Sensor</b>	<input type="checkbox"/> Potentiometer <input checked="" type="checkbox"/> Magnet Angle Sensor		
<b>Motor Type</b>	<input type="checkbox"/> Brushless <input checked="" type="checkbox"/> Coreless <input type="checkbox"/> DC		
<b>Motor Drive</b>	<input checked="" type="checkbox"/> FET Drive <input type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive		
<b>Programmable</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Gear Material</b>	<input checked="" type="checkbox"/> Strength Steel <input type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
<b>Horn Gear Spline</b>	<input checked="" type="checkbox"/> 25T- $\phi$ 5.92mm <input type="checkbox"/> 25T- $\phi$ 4.94mm <input type="checkbox"/> Other _____		
<b>Case Material</b>	<input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> Aluminum + Plastic <input type="checkbox"/> Plastic		
<b>Bearing Material</b>	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
<b>Horn Accessories</b>	<input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic		
<b>Wire Color</b>	Battery Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Battery Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Orange Signal : <input type="checkbox"/> Black <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange		

UNIT:MM