

# GS2010MG

Control System	Positive PWM control (50 μsec / 330hz Neutral)	
Operation Voltage Range	5V ~ 6.8V	
Operation Temperature Range	-25C°~ +70C°	
Test Voltage:	At 5.0V	At 6.8V
Torque	21kg.cm	23.5kg.cm
Idle speed	0.12sec / 60°	0.10sec / 60°
Idle current	400mA	500mA
Running Current	2100mA	2900mA
Death band width	3 μsec	
Circle	>15000 times/ idle load	
Direction	Anti-clockwise/ pulse travel 500 to 2500 μsec	
Running degree	180° or 270° (when 500~2500 μsec)	
Gear	Stainless Steel Gear	
Waterproof Level	IP66	
Drive type	FET drive	
Motor type	DC motor	
Potentiometer type	Indirect drive	
Amplifier type	Digital	
Size	40*20*40.5mm	
Weight	60g (without accessories)	
Ball bearing	Double ball bearing	
Gear material	Import steel gear	
Case material	Nylon plus fiber/ Aluminum Medium	
Connector Wire Length	300mm	
Connector Wire Gauge	22AWG, JR Universal	
Brown	Negative	
Red	Positive	
Orange	Signal	
Application	Car model; fixed-wing aircraft; helicopter; robot.	

