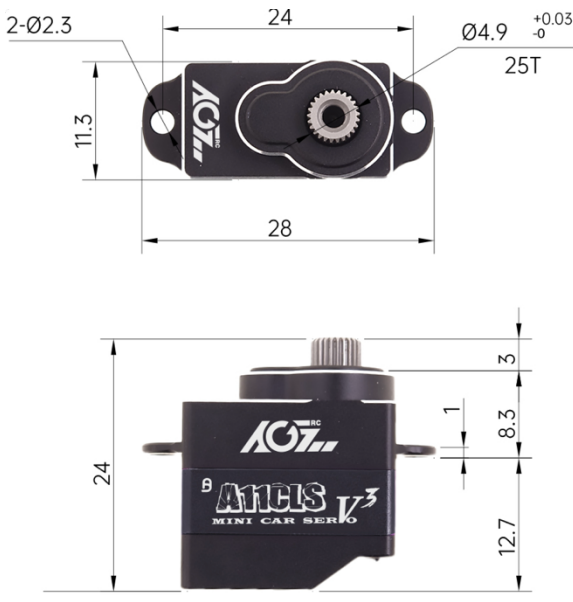


A11CLS V3 (Black)

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520µS		
Signal Mode	Digital		
Dead band	3 µSec		
Operating Voltage	4.8V ~ 6.0V		
Operating Temperature	-15C°~ +70C°		
Bearing	Double Ball Bearing		
Mechanical Angle	No Limit		
Size	20*11.3*21mm		
Net Weight	11g		
Wire	JR / JST1.5 80mm / 30AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 µSec		
Stall Torque	1.2 kg-cm (17 oz-in) @ 4.8V 1.4 kg-cm (19 oz-in) @ 6.0V	Unload Current	220mA @ 4.8V 260mA @ 6.0V
Operating Speed	0.065sec/ 60° @ 4.8V 0.050sec/60° @ 6.0V	Loading Current	900mA @ 4.8V 1000mA @ 6.0V
Direction	☒ CCW ☐ CW		
Waterproof Level	☐ IP65 ☐ IP67		
Angle Sensor	☒ Potentiometer ☐ Magnet Angle Sensor		
Motor Type	☐ Brushless ☒ Coreless ☐ DC		
Motor Drive	☒ FET Drive ☐ IC Drive ☐ Transistor Drive		
Programmable	☒ Yes ☐ No		
Gear Material	☐ Strength Steel ☒ Titanium ☐ Copper ☐ Plastic		
Horn Gear Spline	☐ 25T-φ5.92mm ☒ 25T-φ4.94mm ☐ Other 15T-φ4.00mm		
Case Material	☒ AL6061T6 ☐ Aluminum + Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☒ Black ☐ Brown Positive: ☐ Black ☒ Red Signal: ☐ Grey ☒ White ☐ Orange		