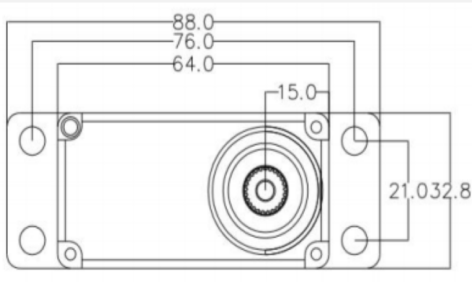
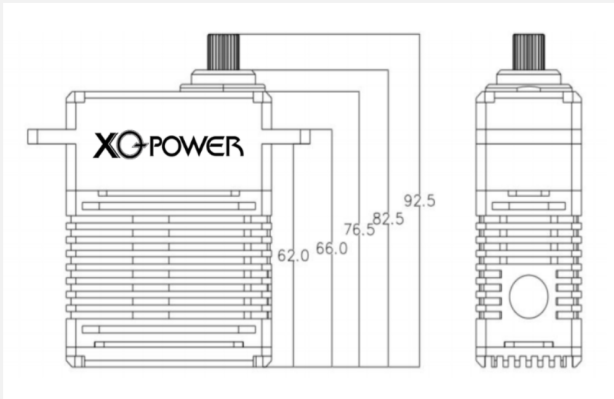
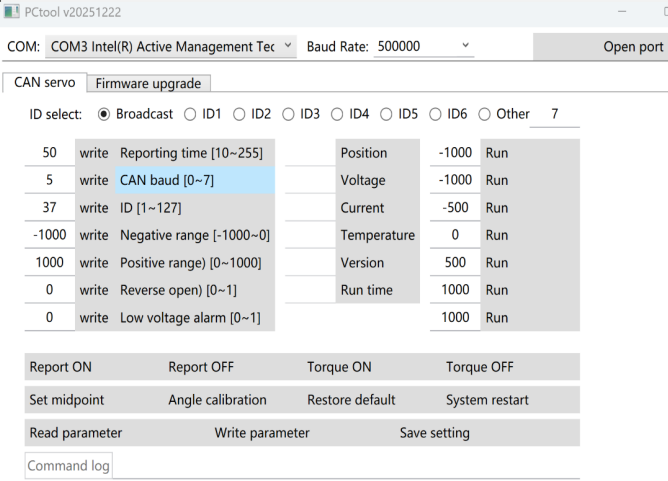


Shenzhen XQPOWER Technology Co., LTD					DOCUMENT NO		N/D.20211205.9.1			
					VER		X9_9150.01			
					Page.		P.1			
					Prepare Date		20221210			
GSN		XQ-9S	Product Name	XQ-POWER 16.8V150kg-cm Brushless Servo		Model	XQ-S9150TTL	Material	CNC all-metal case	
Process flow					CNC / industry testing torque					
SIZE OF THE DRAWINGS					Control Specifications					
					NO. Standard Test Environment					
					1-1		Temperature range	25℃±5℃		
					1-2		Humidity range	65%±10%		
					NO. Apply Environmental Condition					
					2-1		Storage Temperature Range	-30℃ ~ 70℃		
					2-2		Operating Temperature Range	-20℃ ~ 60℃		
					NO. Mechanical Specification					
					3-1		Servo Dimensions	64*32.8*76.5 mm		
					3-2		Servo Weight	452g		
					3-3		Servo Gear	Steel Gear		
					3-4		Angle of limit	180°		
					3-5		Servo Bearing	2 Ball bearings		
					3-6		Output force shaft	25T-φ9.95mm		
					3-7		Servo arm	Metal		
					3-8		Case Material	Aluminium CNC		
					3-9		Servo line	500 mm		
					3-10		Built-in motor	Brushless motor		
The Drawings					3-11		Splash water resistance	Yes		
					Electrical Specification					
Photos1					NO. Test Operating Voltage Range					
					4-1		Work Voltage	8.4 V		
					4-2		No load speed	0.29 sec/60°		
					4-3		Runnig current (no load)	150 mA		
					4-4		Peak stall torque	115 kg.cm		
					4-5		Stall current	6.5 A		
							Work Voltage	12.6 V		
					4-6		No load speed	0.18 sec/60°		
					4-7		Runnig current (no load)	270 mA		
					4-8		Peak stall torque	160 kg.cm		
					4-9		Stall current	8 A		
							Work Voltage	16.8 V		
Photos2					4-10		No load speed	0.14 sec/60°		
					4-11		Runnig current (no load)	400 mA		
					4-12		Peak stall torque	180 kg.cm		
					4-13		Stall current	10 A		
					Make table		CHECK	APPROVE		
					MR.ZHONG		MR.LIU	Manager.ZHOU		

Shenzhen XQPOWER Technology Co., LTD						DOCUMENT NO		N/D.20211205.9.1		
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GSN		XQ-9S	Product Name	XQ-POWER 16.8V150kg-cm Brushless Servo		Model	XQ-S9150TTL	Material	CNC all-metal case	
Control Specification										
Test display diagram					EMPHASIS					
Photos1 					NO.	Item		Specification		
					5-1	Command signal		PWM / 485 / CAN 50-333Hz		
					5-2	Amplifier type		Digital Controller		
					5-3	Pulse width range		800~2200 μsec		
					5-4	Neutral position		1500 μsec		
					5-5	Running degree		360° (when1000~2000 μsec) Customization		
					5-6	Dead band width		4 μsec		
					5-7	Rotating direction		CCW (when 1000 ~2000μsec)		
					Appearance inspection					
					NO.	QC details				
					5-7	Material qualified				
					5-8	Gear structure qualified				
					5-9	Function qualified				
					5-10	Use data qualified				
					5-11	Pass the test				
Accessories										
Photos1 					NO.	Other				
					6-1					
					6-2					
					6-3					
					6-4					
					Other Accessories					
					7-1	Plastic arm bag				
					7-2	Screw				
					7-3	Metal arm (additional purchase)				
										
Reference opinions of all departments: Agree										
Make table		CHECK		APPROVE						
MR.ZHONG		MR.LIU		Manager.ZHOU						