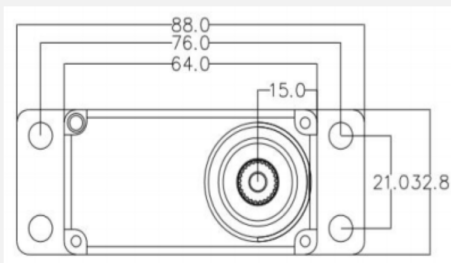
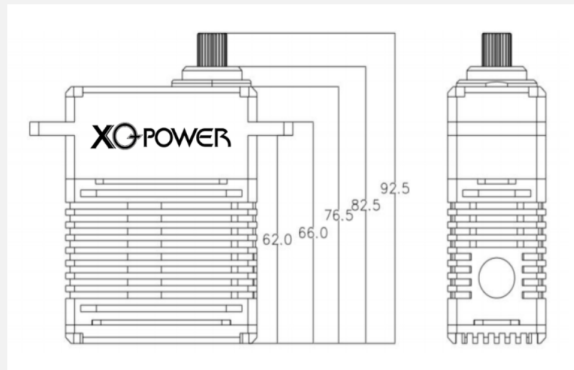
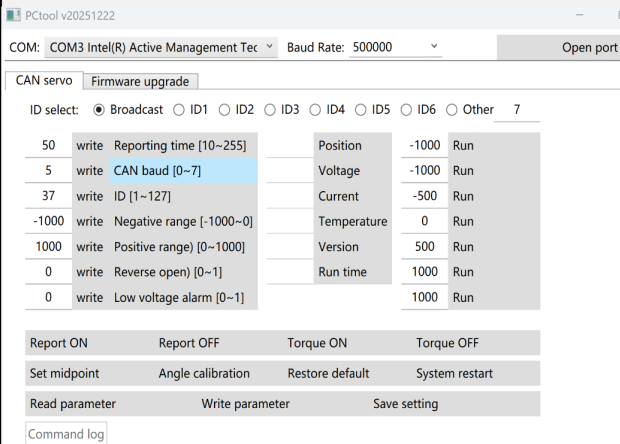


Shenzhen XQPOWER Technology Co., LTD XQPOWER Product Inspection Specification						DOCUMENT NO	N/D.20211206.9.1
						VER	X9_9150.01
						Page.	P.1
						Prepare Date	20221210
GSN	XQ-9S	Product Name	XQ-POWER 16.8V150kg-cm Brushless Servo	Model	XQ-RS9150MB	Material	CNC all-metal case
Process flow				CNC / industry testing torque			
SIZE OF THE DRAWINGS  				Control Specifications			
				NO.	Standard Test Environment		
				1-1	Temperature range	25°C±5°C	
				1-2	Humidity range	65%±10%	
				NO.	Apply Environmental Condition		
				2-1	Storage Temperature Range	-30°C ~ 70°C	
				2-2	Operating Temperature Range	-20°C ~ 60°C	
				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	
				The Drawings			
				Photos1 			
3-11	Splash water resistance	Yes					
Electrical Specification							
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 							
				4-11	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 XQPOWER Product Inspection Specification						DOCUMENT NO	N/D.20211206.9.1
						VER	X9_9150.01
						Page.	P.2
						Prepare Date	20221210
GSN	XQ-9S	Product Name	XQ-POWER 16.8V150kg-cm Brushless Servo	Model	XQ-RS9150MB	Material	CNC all-metal case
Control Specification							
Test display diagram				EMPHASIS			
Photos1 				NO.	Item	Specification	
				5-1	Command signal	PWM / MODBUS 485 50-333	
				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		
				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