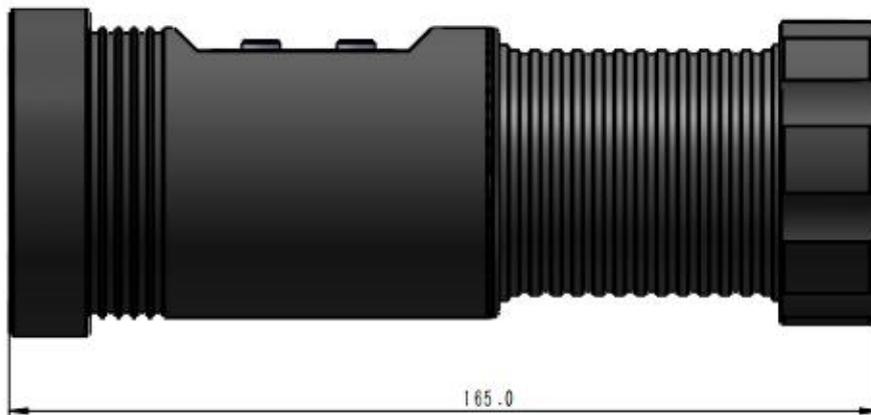


## G520D-LXM001 Green Laser Torch



### Dimensions (mm)



Specifications					
Model Number		G520D-LXM001			
Mechanical Specifications		Specs			Conditions
		Min	Typ	Max	
Dimensions	Diameter (Head) (mm)	61.5	62	62.5	
	Length (mm)	155.5	165	165.5	
	Weight (g)	-	-	540	
Housing Material		Aluminum Alloy			
Housing Color		Black			
Optical Specifications					
Wavelength (nm)		513	520	527	
Output Power (W)		1	1.1	1.3	
Beam Divergence(mrad)		55	60	65	full angle
Laser Beam Diameter (cm)		85	88	95	@15m
Laser Power Density (mW/cm <sup>2</sup> )		0.03	-	2	@5m to 15m
Laser Irradiation Mode		Strobe / CW			
Blasting Flash Frequency (Hz)		-	10	-	
LED Irradiance (Lux)		21	-	-	@25m
LED Beam Diameter (m)		Square 1.5 x1.5			@25m
Video Specifications					
Angle of Field <sup>(1)</sup>		60°	68°	-	
Working Distance (m)		3	-	15	
Image Resolution Ratio (P)		-	1080	-	
Image Format and Reading Interface		AVI, Micro USB			
Memory Space		64G			
Electrical Specifications					
Battery <sup>(2)</sup>		3 x 18650			
Battery Continuous Operation Time (min) <sup>(3)</sup>		120	-	-	all functions works
Reverse Voltage Protection		YES			
Reliability					
Lifetime (h)		1000	-	-	
Drop Test		dropped from 1.2m onto a concrete floor, it works.			

Operating Temperature Range (°C)	-40	-	50	
Storage Temperature Range (°C)	-45	-	65	

- (1) Diagonal Field of View (DFOV)
- (2) Battery is not included when delivery.

