



# 60mJ LASER TARGET DESIGNATOR



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Technical Specifications	
Single Pulse Energy	60mJ
Measure Target Objects Of Size 2.3 x 4.6 M	>18km (unsafe band for human eyes) >11km (eye safe band)
Measurement 0.5 x 1.7 M Target Object	>11km (unsafe band for human eyes) >7km (eye safe band)
Minimum Measuring Distance	20m
Measurement Error	±3m
Multi-Target Detector	3 targets can be measured simultaneously
Coding	16 sets of codes can be pre-stored; support precise frequency code, pseudo random code, variable interval code; coding accuracy < 1us; external trigger function
Unsafe Laser Emission Band For Human Eyes	1064nm
Measurement Frequency	8Hz ~ 25Hz
Eye Safety Level	Laser Class 4
Eye Safe Band	1570nm
Laser Energy	20mJ
Beam Divergence Angle	0.3mrad
Measurement Frequency	1Hz~25Hz
Eye-Safe Laser Class	Laser Class 1

Environmental Parameters	
Operating Temperature	-40C ~ +65C
Storage Temperature	-50C ~ +75C
Shock Vibration	1000G
Physical Parameters	
Weight	≤ 1.45kg
Size	170mm×90mm×80mm
Interface	
Communication Interface	RS422
Power Input Range	9V~33V
Power Consumption	Average power consumption <10w, peak power consumption <50w
Vibration Test	Meet the vibration requirements for airborne, shipborne and vehicle-mounted equipment in GJB150.16A.2009
Impact Test	Meet the vibration requirements for airborne, shipborne and vehicle-mounted equipment in GJB150.18A.2009