



80mJ LASER TARGET DESIGNATOR



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Ranging/ Irradiation Parameters	
Max Range	≥20km
Blind Area	≤300m
Range Accuracy	±3m
Irradiation Distance	≥8km
Frequency Range	1~5Hz
Irradiation Frequency	0~20Hz
Continuous Ranging Time	30min@5Hz
Radiation Pattern	4/5000 Periodic irradiation
Irradiation Time	≥90s@20Hz, interval 60s, can work continuously for 2 cycles; Work for 2 cycles and rest for 30 min
Laser Code Type	Precise frequency code, variable interval code, pseudorandom code, custom code type, etc

Laser Data	
Wave	1064nm
Single Pulse Energy	≥80mJ
Fluctuation Of Energy	6% (RMS) at room temperature; 10% at -40 ° C and 60 ° C limit temperature (RMS)
Repetition Frequency	0~20Hz adjust
Pulse Width	8~20ns
Laser Beam Angle	≤0.2mrad

Power	
Power Input	20~32VDC (typical 28V)
Consumption	standby ≤10W average ≤90W peak≤210W
Comm	RS-422
Baud Rate	115200bit/s

Psysical	
Weight	2350g
Dimension	235mm×113mm×75.5mm
Install Base/Side Not Parallel To	≤0.5mrad

Enviroment	
Work Temp	-40C~60C
Storage Temp	-55C~70C
Vibration	4.7G(average) 5.9G(The mean duration)
Shock	15G