



DPS-1064-LR/50~80mJ

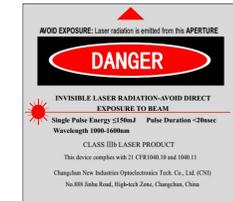
**HIGH ENERGY DIODE  
PUMPED ALL-SOLID-STATE  
Q-SWITCHED LASER**

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in laser ranging, scientific research, and so on.

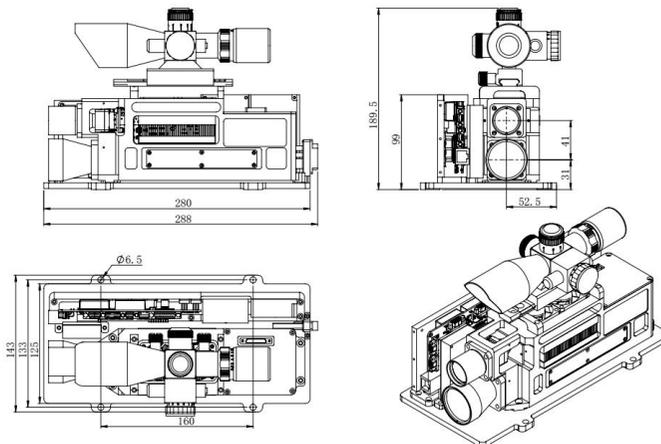


SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (mJ)	50	80
Pulse duration (ns)	<10	
Rep. rate (Hz)	20	
Energy stability (std dev/mean)	<3%	
Beam divergence, full angle (mrad)	≤0.5	
Beam diameter (mm)	~30	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	31	
Ranging accuracy(m)	±2m	
Laser ranging distance	Max:≥10km Min:150m	Max:≥20km Min:150m
Cooled method	Air cooled	
Operating temperature (°C)	-40~60	
Power supply	24V DC	
Expected lifetime (pulses)	5×10 <sup>7</sup>	
Warranty period	1 year	



DPS-1064-LR



288(L)×143(W)×99(H)mm<sup>3</sup>, 4.0 kg

