

HPL-MIR/1~8W

**WATER COOLING LD PUMPED
ALL-SOLID-STATE
3-5μ m MID-IR LASER**

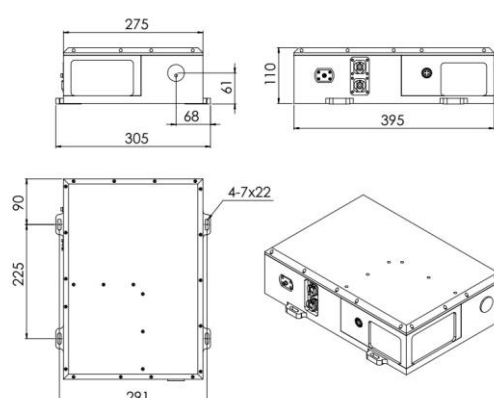
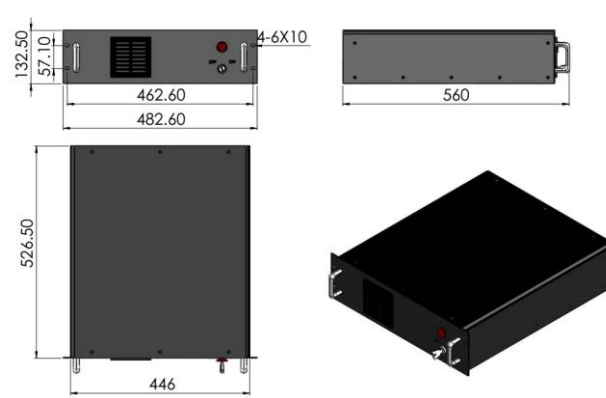
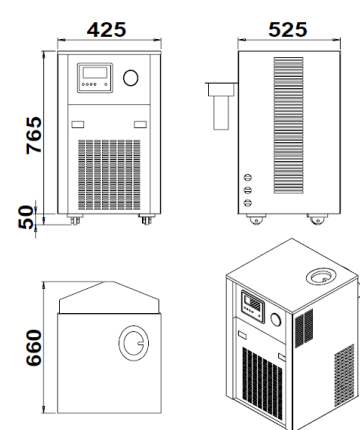
CNI's wide spectral width laser at 3-5μm mid-infrared features high power, high repetition rate, and short pulse duration, they are widely used in defense, remote sensing, civilian applications, and systems for counter-measures against infrared sensors, ..., etc.



SPECIFICATIONS

Wavelength (nm)	3900~4500
Average power (W)	1, 2, ..., 8
Operating mode	Pulsed (Q-switched)
Power stability (rms, over 4 hours)	<5%, <10%
Rep.rate (kHz)	10
Pulse duration (ns)	~20
Single pulse energy (mJ)	0.4@10kHz, 8W
Peak power (kW)	~20@10kHz, 8W
Beam divergence, full angle (mrad)	<6
Beam diameter at the aperture (1/e ² ,mm)	<4
Beam height from base plate (mm)	61
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-MIR (3U)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-MIR	PSU-MIR (3U)	Water Chiller
 <p>395(L)×305(W)×110(H) mm³, 13.5kg</p>	 <p>527 (L) ×446(W) ×133 (H) mm³, 9.5 kg</p>	 <p>425 (L)×525(W)×765(H) mm³, 69kg</p>