EO-335 /1W/100uJ



LD PUMPED ALL-SOLID-STATE UV EOM Q-SWITCHED LASER

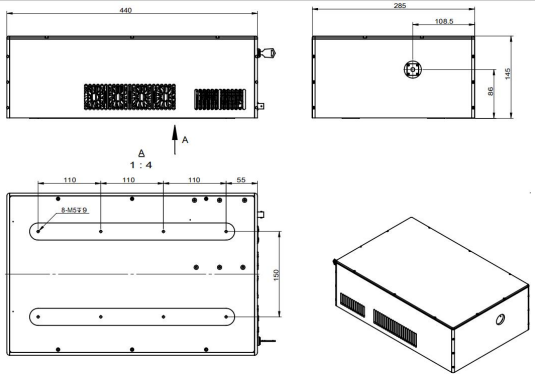
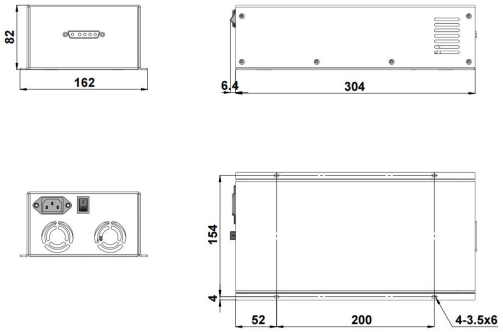
All solid state EOM Q-switched laser at 335nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research， etc.

SPECIFICATIONS

Wavelength (nm)	335±1
Operating mode	Actively
Average power (W)	1@10kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	>100@10kHz
Rep. rate[1]	10kHz
Pulse duration (ns)[2]	<5
Power stability (rms, 4 hours ± 3°C)	<3%,<2%, <1%
Transverse mode	TEM_{00}
M^2	<1.2
Beam divergence, full angle (mrad)	<4
Beam diameter at the aperture ($1/e^2$, mm)	~0.8
Beam height from base plate (mm)	86
Warm-up time (minutes)	<10
Cooled method	Air cooled
Operating temperature (℃)	10~35
Operating voltage (VDC)	24V/31.1A
Expected lifetime (hours)	>10000





LASER HEAD (Driver Integrated)	POWER SUPPLY (100-240VAC)
	
440 (L) ×285(W) ×145 (H) mm^3	310.4 (L) ×162(W) ×154 (H) mm^3

1 Other rep.rate range available on request.

2 Pulse width not tunable, the value varies with different fre uenc .