

OEM-AD-635/ 45-50W

RED DIODE LASER AT 635nm

The 635nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

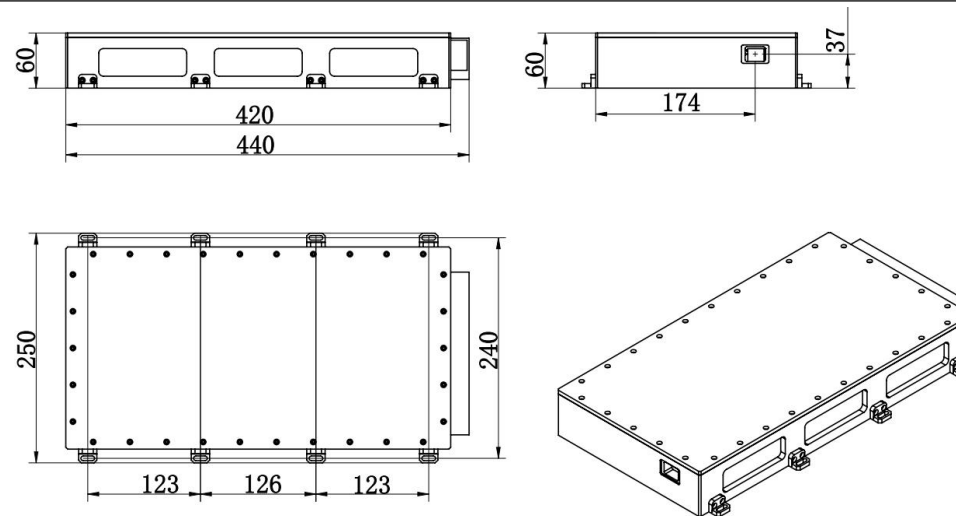


SPECIFICATIONS

Wavelength (nm)	635±5
Output power (W)	45-50
Beam diameter at the aperture (mm)	12.5*12
Beam divergence, full angle (mrad)	~1.8
Power stability (rms, 4 hours±3°C)	<2%, <1%
Cooled method	Air cooled
Warm-up time (minutes)	<5
Beam height from base plate (mm)	37
Operating temperature (°C)	0-30
Power supply (24VDC)	PSU-PNDT-OEM (24V/ 14.9A)
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL/ Analog optional
Expected lifetime (hours)	>10000

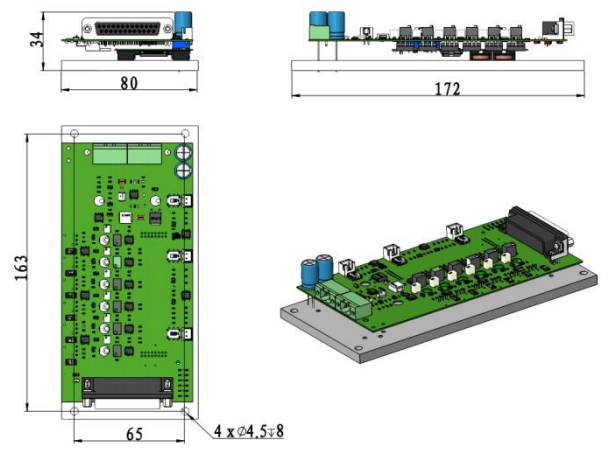
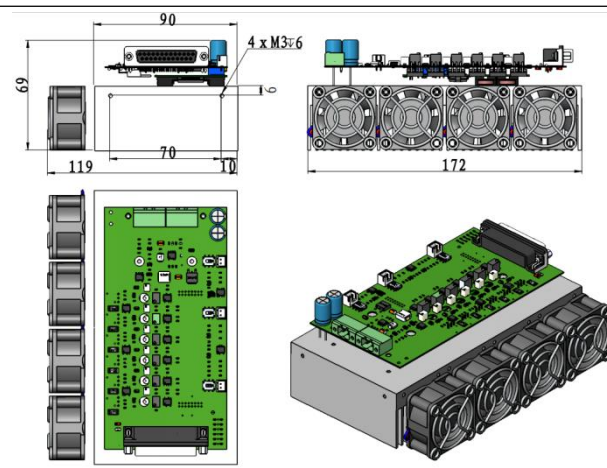
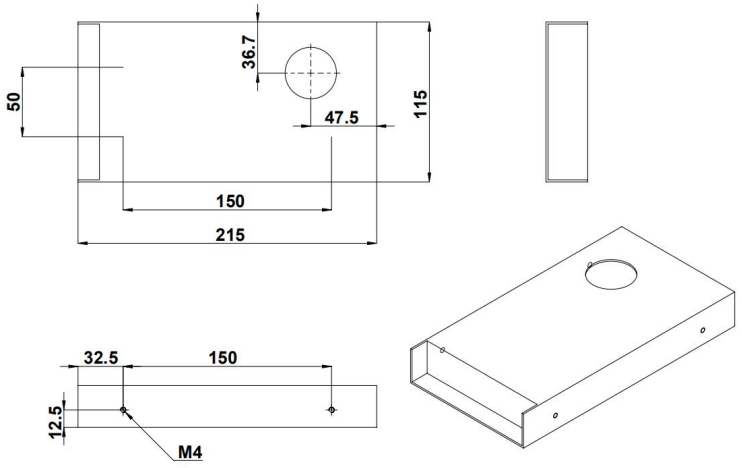


LASER HEAD¹



440 (L)*250 (W)*60 (H) mm³, 10.1kg

Website: www.precisometer.com E-mail: info@precisometer.com

DRIVER (PSU-PNDT-OEM)	
NO HEATSINK	A HEATSINK
 (2 PCS) 172 (L)*80 (W)*34 (H) mm³, 0.8kg	 (2 PCS) 172 (L)*119 (W)*69 (H) mm³, 2.2kg
POWER SUPPLY (100/ 240VAC) optional	
 215 (L)*115 (W)*30 (H) mm³, 0.9kg	

1 The laser head needs to be used on a heat sink with 660W heat dissipation

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