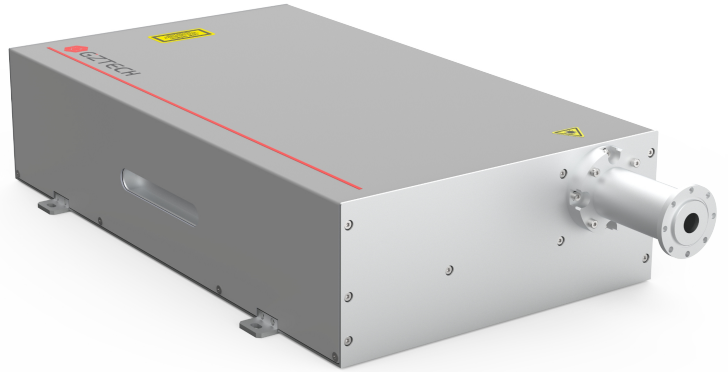


S-30-1064-P1

Ultra short pulse LASER
Data sheet V 1.0

Features

- » Burst-mode
- » Precision processing
- » Short pulse width < 10ps
- » Very competitive price
- » Excellent beam quality

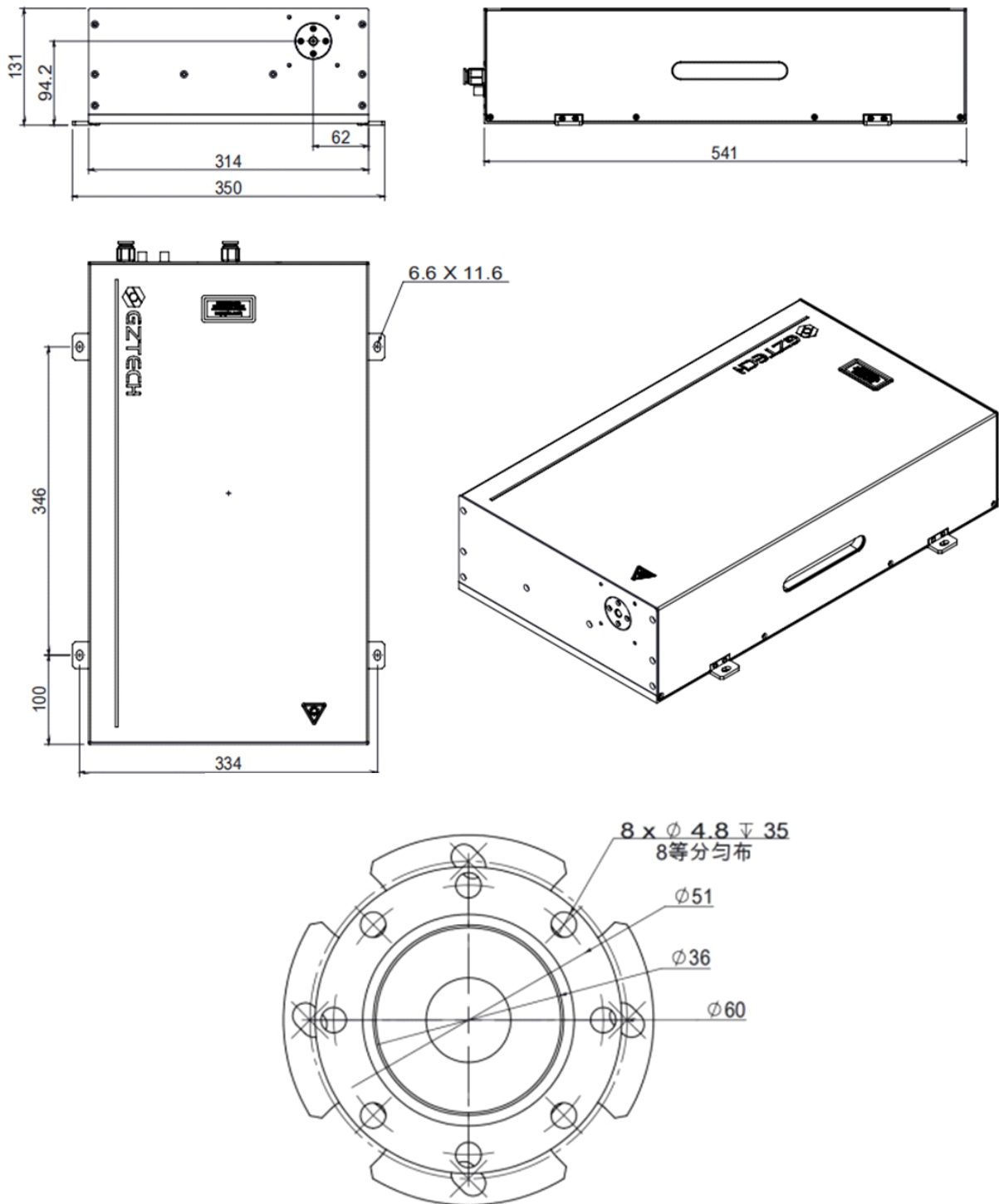


TECHNICAL SPECIFICATIONS

Central Wavelength	1064 nm
Output power	>30 W@1 Mhz
Max. pulse energy	170 µJ@100 Khz
Range of power	0-100 %
Repetition frequency	single-2 Mhz
Pulse width	<15 ps
Power instability	<3 %
Beam quality	<1.3 M ²
Beam circularity, far field	>90%
Polarization	Horizontal
Polarization ratio	>100:1
1/e ² beam diameter@20cm	2.2±0.5 mm

Beam divergence angle	<2 mrad
Warm-up time (cold start)	<10 min
Supply voltage DC	24 VDC
Working current	<20 A
Power consumption	<480 W
Colling method	Water
Water chiller temperature	25± 0.3°C
Water chiller flow	>6 L/min
Cooling capacity	> 1000 W
Laser dimension	541x314x131 mm
Ambient temperature	15-35 °C
Storage temperature	-10-50 °C

S-30-1064-P1



Galvanometer connection tube