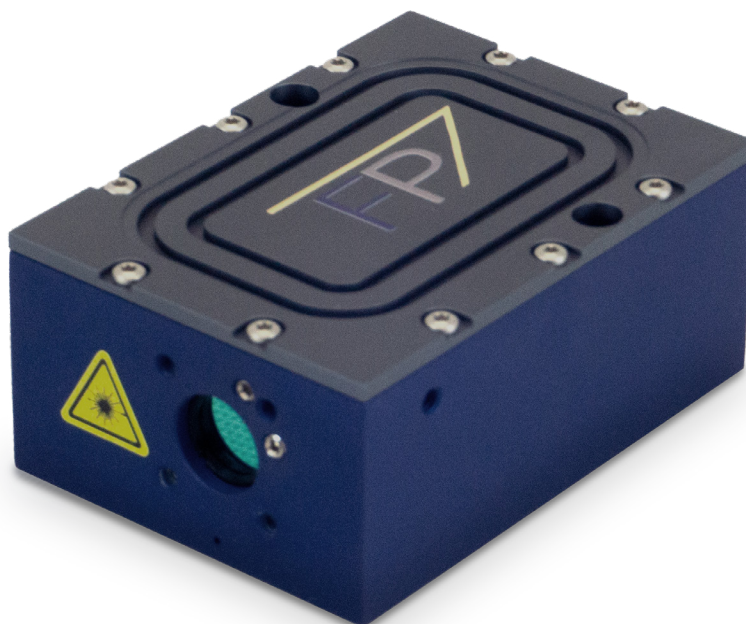


QUANTUM BLADE™ NANO

PART NUMBER: QBN-S-A02-WP



1.5 W CW TURNKEY MID-INFRARED LASER SYSTEM

	Unit	Typical	Comment
Center Wavelength ¹	μm	4.0 4.7	3.8 - 11 available
Spectral Bandwidth ¹	nm	60	125 max 5/95
Output Power (CW)	W	1.5 4.0	
Beam Diameter (V x H) ¹	mm	2.9 x 2.0	D4σ
Divergence (V x H) ¹	mrad	2.1 x 3.0	Full Angle D4σ
Beam Quality Factor - M ²	—	1.2	1.5 max, D4σ
Polarization	VxH	Mixed	
Beam Height	in	0.67	1 in. with adapter plate
Laser Head Dimensions (L x W x H)	in	3.11 x 2.25 x 1.35	L = 3.78 with water fittings
Ambient Operating Temperature	°C	10-40	Non-condensing
Input Electrical Requirements	—	100-240 VAC 50-60 Hz	External adapter included

1. Characteristics are at full power and vary from device to device

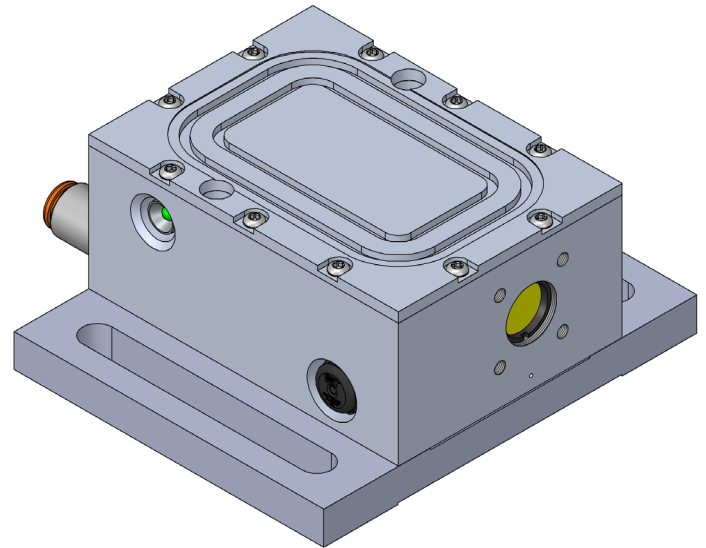
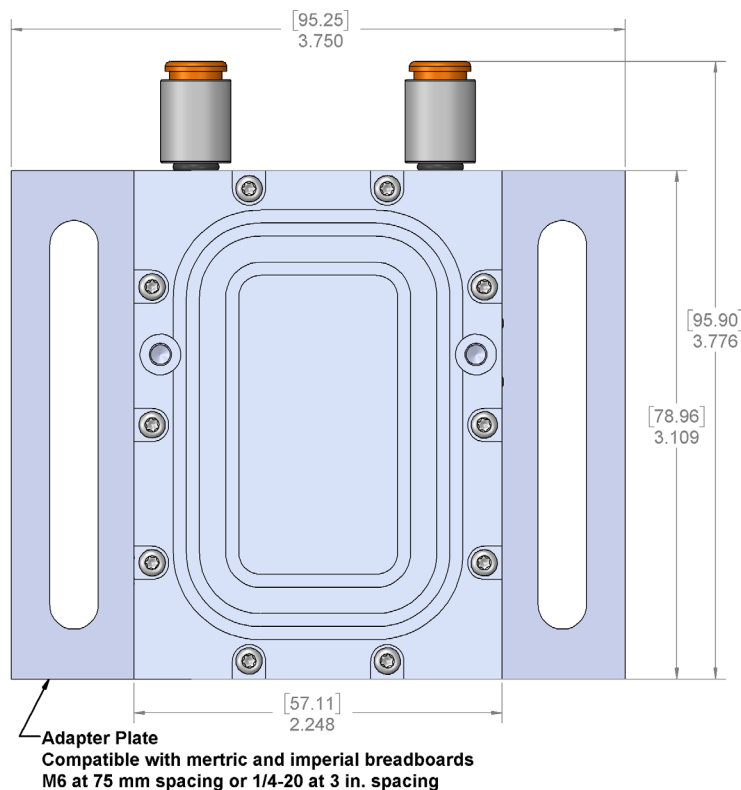
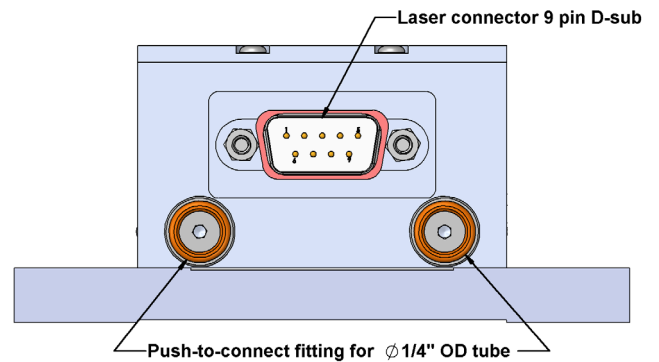
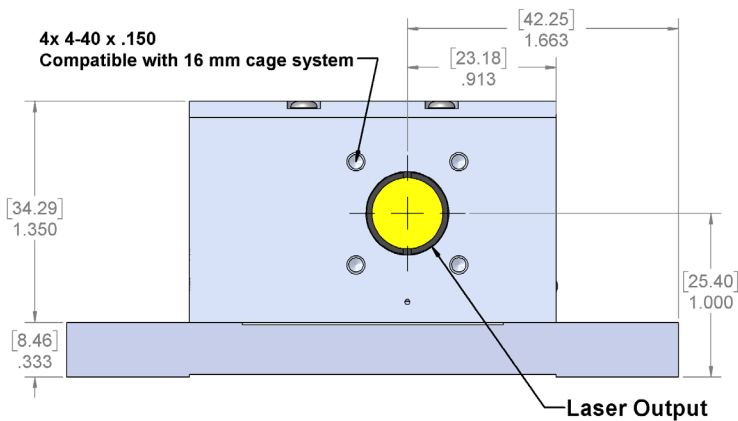
Disclaimer: Specifications subject to change without notice



Forward Photonics, LLC
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SYSTEM OVERVIEW



OPERATIONAL PARAMETERS

- Full analog power scaling, 0 - 5 V
- Pulsed or CW operation
- Max modulation of 125 kHz, 3 μ s estimated rise time
- Custom interface cables available

Info@ForwardPhotonics.com

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