



DPSS Laser Marking Source

AQS 6

Ideal Solution
for OEM Integration



Features

- DPSS Laser Marking Source
- 6W @ 1064nm
- Active Frequency Control
- Integrated Scanhead
- High Speed and Resolution
- Compactness and Ease of Integration in Desktop Machine
- 110x110mm. Marking Area
- Manual System regulation for Fine Focus Adjustment
- Gray Scale on Polycarbonate and Laserable PVC

Applications

- Secure marking on ID Cards & Passports
- DPM in industrial application
- Fine Micromarking and Annealing in Surgical Field
- Fine Ablation



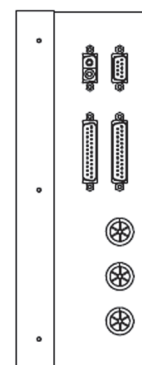
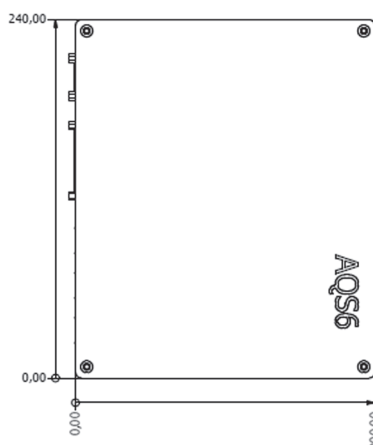
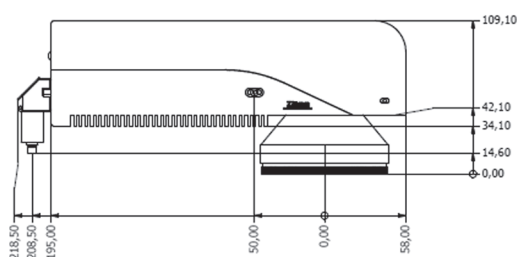
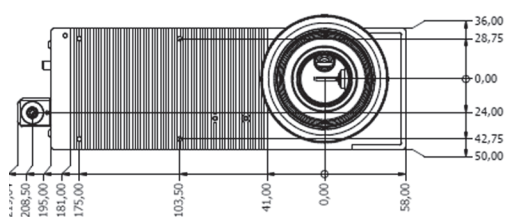
Infrared Laser Series- DPSS Lasers

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Laser Type Medium	Nd:YVO ₄	
Wavelength	[nm]	1064
Average Power	[W]	6 CW
Rep. Rate	[kHz]	10 - 100 in Q-Switch
Beam quality	[M ²]	<1.3
Power Supply	24 VDC - 350W	
Cooling	Air to Air	
Focal lens (M85)	100mm. (70x70mm.) - 160mm. (110x110mm.) - 254mm. (180x180mm.)	
Communication (*)	Marking Software: USB - Laser Controlling: DB25: Diagnostic: RS232	

*Ethernet available upon request



Specifications are subject to variations and updates without notice.
Class 4 laser source.
This OEM laser component is for sale solely to qualified manufacturers, who shall provide interlocks, indicators and other appropriate safety features, in full compliance with 21 CFR 1040 and/or other applicable national and local regulations.



AQS6 Layout



GAP Laser Systems s.r.l.
A Certified and ISO 9001:2008 Company

GAP LASER SYSTEMS
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