

Worldwide Distributors

Baltic, Nordic

Von Gegerfelt Photonics
Tel.: +49-6251 856 79 84
Fax: +49-6251 856 79 85
info@vgphotonics.eu
www.vgphotonics.eu

China

Pinnacle Scientific Corporation
Tel.: +86-571 88 22 51 51
Fax: +86-571 88 22 52 52
sales@psci.cn
www.psci.cn

France

Photon Lines
Tel.: +33-130 08 99 00
Fax: +33-130 08 99 09
info@photonlines.com
www.photonlines.fr

Israel

Militram
Tel.: +97-299 58 18 60
Fax: +97-299 57 43 83
militram@militram.com
www.militram.com

Italy

LOT-Oriel Italia
Tel: +39-02 26 82 2104
Fax: +39-02 26 82 50 07
info@lot-oriel.it
www.lot-oriel.it

Japan

Japan Laser Corp.
Tel.: +81-352 85 08 61
Fax: +81-352 85 08 60
lase@japanlaser.jp
www.japanlaser.jp

Korea

DongWoo Optron Co., Ltd.
Tel.: +82-317 65 03 00
Fax: +82-317 65 02 22
optron@optron.co.kr
www.optron.co.kr

Spain

LASER Technology S.L.
Tel.: +34-937 50 01 21
Fax: +34-937 50 03 23
josecochon@laser-technology.com
www.laser-technology.com

Singapore/Malaysia

PhotonTech Pte Ltd
Tel.: +65-65 70 33 86
Fax: +65-62 33 91 71
csales@photonitech.com
www.photonitech.com

Taiwan

Tayhwa Technology Co. Ltd.
Tel: +88-62 23 56 97 37
Fax: +88-62 23 56 96 59
tayhwa@tayhwa.com.tw
www.tayhwa.com.tw

Turkey

Mitra Anonim Sirketi
Tel.: +90-212 347 47 40
Fax: +90-212 347 47 45
info@mitra.com.tr
www.mitra.com.tr

UK

Photon Lines Ltd
Tel.: +44-12 95 72 42 25
Fax: +44-12 95 72 42 26
info-uk@photonlines.com
www.photonlines.com

USA

Market Tech, Inc.
Tel.: +1-80 03 26 57 14
Fax: +1-83 14 61 11 36
info@markettechinc.net
www.markettechinc.net

For Life Science Applications

Germany, Austria, Switzerland, Scandinavia

Von Gegerfelt Photonics

Nibelungenstrasse 22
DE-64625 Bensheim, Germany
info@vgphotonics.eu
www.vgphotonics.eu



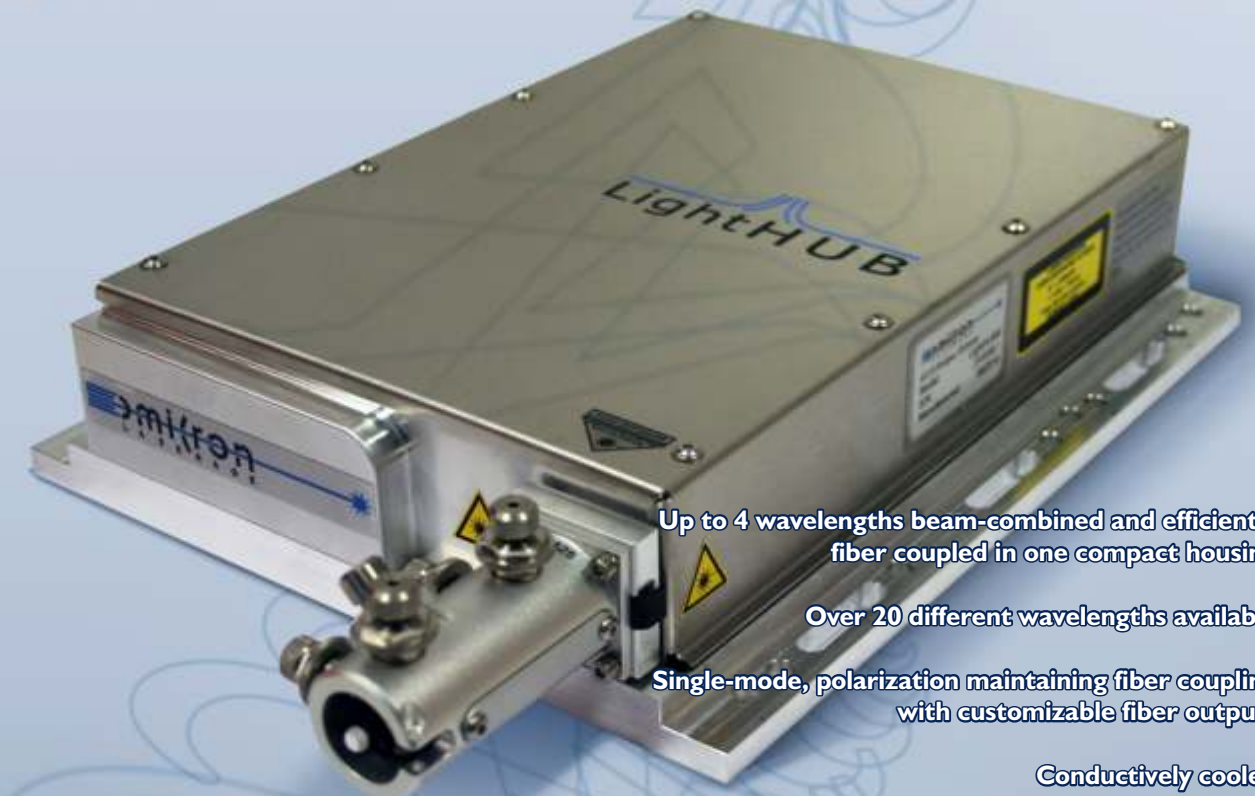
Omicron-Laserage Laserprodukte GmbH
Raiffeisenstrasse 5e
63110 Rodgau, Germany
Tel: +49-61 06-82 24-0
Fax: +49-61 06-82 24-10
www.omicron-laser.de
mail@omicron-laser.de



Compact Laser Combiner



LightHUB



Up to 4 wavelengths beam-combined and efficiently fiber coupled in one compact housing

Over 20 different wavelengths available

Single-mode, polarization maintaining fiber coupling with customizable fiber outputs

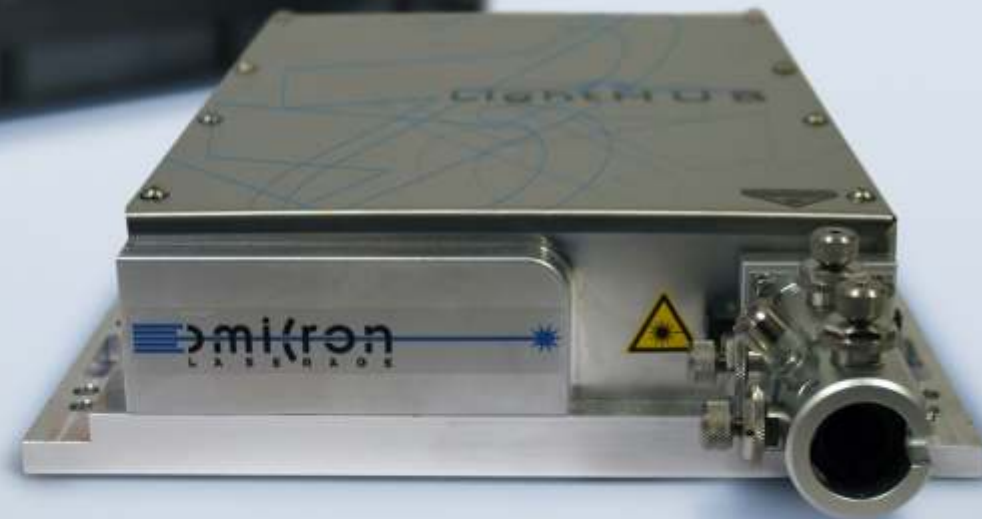
Conductively cooled

Windows™ based laser control software included

Field upgradable

OEM versions available

The LightHUB® compact laser combiner can be equipped with up to four DPSS or diode lasers of different wavelengths in a compact and rugged design. Wavelengths between 375nm and 830nm and optical output powers up to 150mW per laser line are possible. The Compact Laser Combiners can be equipped with polarisation maintaining fiber coupling units to supply the light for applications in biotechnology like confocal microscopy or flow cytometry and many more.



Wavelengths and powers (internal laser power):

- 375nm / 20mW
- 395 nm / 120mW
- 405nm / 55mW, 60mW, 120mW
- 415 nm / 120mW
- 425 nm / 120mW
- 445nm / 50mW
- 457nm / 25mW, 50mW
- 473nm / 20mW
- 488 nm / 20mW, 60mW, 80mW
- 515nm / 25mW, 50mW, 100mW
- 532nm / 25mW, 50mW, 100mW, 150mW
- 540nm / 25mW, 50mW
- 561nm / 25mW, 50mW, 75mW, 100mW, 150mW
- 594nm / 25mW, 50mW, 100mW
- 637 nm / 150mW
- 638nm / 40mW
- 642nm / 140mW
- 660nm / 130mW
- 685nm / 50mW
- 705nm / 40mW
- 730nm / 40mW
- 808nm / 140mW
- 830nm / 140mW

(others on request)

Fiber coupling:	Type:	Single-mode, polarization maintaining or Multi-mode
	Fiber output:	FC/APC, FC/PC and collimated outputs on customers demand
Free emission:	Beam diameter	0.7mm 1/e ² , others available on request
Control interfaces of the laser sources:	Type:	USB2.0 / RS-232
Laser control software:		Windows™ based laser control software
Supply voltage:		5VDC / 12VDC / 24VDC (depending on laser type)
Mechanical size:		L x W x H: 260mm x 120mm x 64mm (without fiber coupler)