



# „Eye-safe“ 1,54 $\mu\text{m}$ wavelength nanosecond lasers

## „KAUKAS4“



### MAIN FEATURES

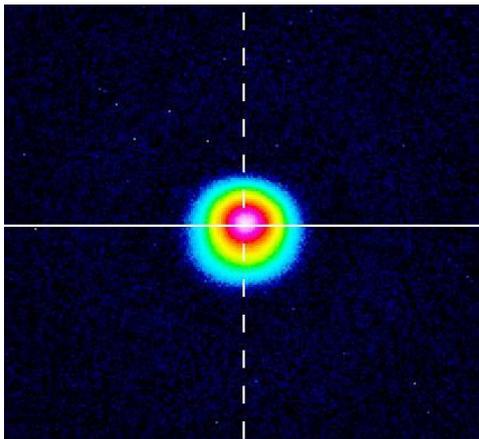
- Compact design
- OEM version available

### APPLICATION EXAMPLES

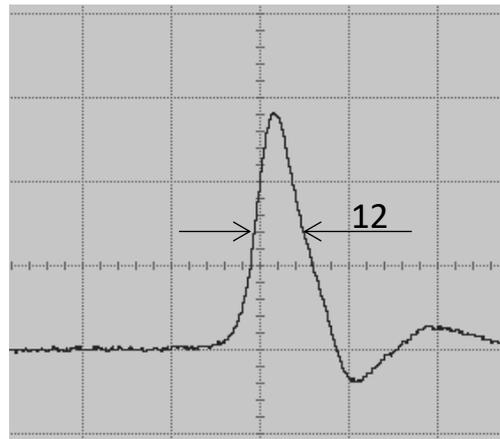
- LIDAR & Laser Ranging
- LIBS
- Metrology and instrumentation
- Automotive



SPECIFICATIONS	
Wavelength	1534 nm
Wavelength tolerance	$\pm 1$ nm
Pulse Energy, mJ	> 3 mJ
Energy stability (600 pulses), @ 1Hz	<3%
Pulse duration	< 15 ns
Pulse repetition rate	SS, 0,5-5 Hz
Polarization contrast	> 1:80
Beam diameter at exit window	<1 mm
Beam divergence	< 5 mRad
Beam profile	TEM <sub>00</sub>
Working temperature	-40 – 70 °C
Laser head dimensions	61 x 33 x 29,5
Laser driver dimensions	128 x 83 x 48 mm
Pump current	<100 A



Beam profile



Pulse duration, 12 ns