

280nm-1100nm CMOS Beam Profiler Windows 10 64bit And Linux Ubuntu X86 Compatible

Basic Information	
Place of Origin: Prand Name:	
Certification:	CE ISO9001 IP30 IP40
Model Number:	BA1023
Minimum Order Quantity:	1
Price:	Negotiable
 Packaging Details: Delivery Time: 	1PC/BOX 30 Working Days
Payment Terms:	T/T
 Supply Ability: 	20PCS Per Month

Product Specification

• Effective Sensing Area:	11mm*7mm
Data Interface:	USB3 Vision, GenlCam
Dimension:	78 *45 *38.5mm (without Base)
Power Supply:	USB Powered Or 12V DC Externally Powered
 Wavelength Range: 	280nm-1100nm
Cell Size:	5.86µm*5.86µm
Support Operating Systems:	Windows 10(64bit)and Linux(Ubuntu X86)

- Maximum Frame Rate: 41 Fps@1920*1200
- Highlight: 1100nm CMOS beam profiler, 280nm CMOS beam profiler, 280nm laser beam analyzer



CMOS USB Beam Profiler Spot Analyzer

The BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis features special functions such as real-time comparison of dual light spots, background cropping, and light intensity camera. These functions allow for accurate and reliable measurement of laser beam spot size, shape, and intensity. With its high resolution CMOS sensor, this beam profiler captures detailed images of laser beams in real-time, making it the perfect tool for monitoring laser performance.

As a product in the laser category, the BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis is designed for professionals who require precise laser beam spot measurement. This beam profiler is easy to use and provides accurate, reliable results every time. Whether you are working in a research lab or an industrial setting, this beam profiler is an essential tool for any laser system.

Overall, the BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis is a must-have for anyone who requires accurate laser beam profiling. With its advanced features and high-resolution sensor, this beam profiler is the perfect tool for anyone who needs to monitor laser performance in real-time. Get yours today and experience the ultimate in laser beam spot measurement.

Product Code	BA1023	BA1024Ga	BA1024Gb	BA1024Ua	BA1024Ub
Probe wavelength range	280nm ~ 1100nm				
Effective sensing area	11mm*7r	nm	13mm*8.7mm	7mm*5.5mm	4.9mm*3.7mm
Sensor	2.3MP, 1	/1.2" CMOS	20MP, 1" CMOS	2MP, 1/1.7" CMOS	0.4MP, 1/2.9" CMOS
SNR	40 dB	44.9 dB	41.5 dB	43.7 dB	42.9 dB
Gain control	0~20dB	0~24dB		•	
Cell size	5.86µm*	5.86µm	2.4µm*2.4µm	4.5µm*4.5µm	6.9µm*6.9µm
Minimum detection area	30µm (5	pixls)	12 µm (5 pixls)	22.5 µm (5 pixls)	
Maximum frame rate	41 fps@ ⁻	1920*1200	5.9 fps @5472*3648	90 fps @1624*1240	526.5 fps @ 720*540 Mono 8
Ingress protection	IP30	IP40		•	
Data interface	USB	GigE		USB	
File storage	*.jpg,*.mat,*.csv,*.xml				
Light attenuation	Insertable and barrel-type options are available, compatible with 1-inch unframed				
component	filters				
Storage temperature	-30 ~ +70				

Product Selection Table & Parameters:

Main Features:

- Real-time comparison of dual light spots
- · Background cropping
- · Light intensity camera
- Power Supply: USB Powered Or 12V DC Externally Powered

Software Functions:

2D & 3D Spot Reconstruction







Light intensity camera (optional)



Applications:

JINSP BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis is an advanced beam profiler that can be used for a wide range of applications. This product is manufactured in China and has a minimum order quantity of 1. The SNR of this product is 40 DB and the minimum detection area is 30µm (5 PixIs).

The BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis is a high-performance beam spot analyzer that can be used in various fields. It is an ideal tool for beam quality measurement, optical research, laser system research, laser detection research, and real-time monitoring of light spots during the processing process. This product can also be used for light-intensity distribution monitoring.

The BA1023 USB 1920x1200 CMOS 280nm ~1100nm Laser Beam Spot Analysis is easy to use and comes with a manual and guide video in English. Operation training is also available. If you are interested in this product, please send details for the best price.



Support and Services:

The Beam Profiler product technical support and services include:

- Installation assistance and troubleshooting
- Software downloads and updates
- Calibration and maintenance services
- Training and education on product use and application
- Technical documentation and user manuals
- Warranty and repair services

Packing and Shipping:

Product Packaging: Beam Profiler unit Power adapter USB cable Software USB User manual Shipping: Ships within 30 business days for standard product International shipping available Shipping rates vary by location

- Q: What is the brand name of the beam profiler product?
- A: The brand name of the beam profiler product is JINSP.
- Q: What is the model number of the beam profiler?
- A: The model number of the beam profiler is BA1023.
- Q: What is the minimum order quantity for the beam profiler?
- A: The minimum order quantity for the beam profiler is 1.
- Q: What are the payment terms for the beam profiler?
- A: The payment terms for the beam profiler are T/T.
- Q: What is the delivery time for the beam profiler?
- A: The delivery time for the beam profiler is 30 working days.

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