

BEAMAGE-4M-FOCUS

빔 프로파일링 카메라



주요 특징

USB 3.0 FOR THE FASTEST TRANSFER RATES

Up to 10X faster than regular USB 2.0 connections (also USB 2.0 compatible)

HIGH RESOLUTION

For accurate profile measurements of very small beams:

- 2.2 MPixels for the BEAMAGE-3.0
- 4.2 MPixels for the BEAMAGE-4M

LARGE APERTURES

- 11.3 x 6.0 mm for the BEAMAGE-3.0
- 11.3 x 11.3 mm for the BEAMAGE-4M
- 20.5 x 20.5 mm for the BEAMAGE-4M-FOCUS

AVAILABLE WITH IR COATING

The BEAMAGE-IR cameras have a special phosphor coating for IR wavelengths (1495-1595 nm)

ISO COMPLIANT

D4σ definition of diameter, centroid, ellipticity and orientation are ISO 11146:2004 and 11146:2005 compliant

INTUITIVE SOFTWARE INTERFACE

Easy to navigate interface, with many display and control features:

- 2D, 3D and XY displays
- Background subtraction function
- Unique "animate" function
- Gaussian fit
- Semi-log graph

EXTERNAL TRIGGER

To synchronize the camera with a pulsed laser

SOFTWARE DEVELOPMENT KIT

A software development kit is available. Learn more about [BEAMAGE-SDK](#).

호환 스탠드

[STAND-D-233](#)

사양

계측 성능	
스펙트럼 범위	350 - 1150 nm
픽셀 증배율(PMF)	1.8백만 곱
최소 계측가능 빔	120 μm
센서 기술	CMOS(광학 섬유 테이퍼 포함)
픽셀 카운트	4.2 MPixels
H x V	2048 x 2048
빔 지름 정의	D4σ(ISO 규격) $1/e^2$(13.5%) $FWHM$(50%) 사용자 정의(%)
서버 유형	Global
프레임률	6.2 fps @ 4.2 MPixels (Full Frame)
ADC 수준	12비트(기본값)/10비트(선택값)

손상 한계	
최대 파워 밀도 ¹	10 W/cm ²
최대 에너지 밀도 ²	300 μJ/cm ²
최대 파워 ³	1 W
1. 1064nm. ND4 여과기. 2. 1064nm. ND4 여과기. 3. 1064nm. ND4 여과기.	
물리적 특성	
치수	61H x 81.1W x 46.5D mm
중량	0.24 kg
픽셀 크기 ¹	10 μm
포함 필터	ND4
활성 영역	20.5 X 20.5 mm
1. 일반적인 픽셀 배율(PMF)은 1.8입니다.	

ORDERING INFORMATION

BEAMAGE-4M-FOCUS

203191

INTERESTED IN THIS PRODUCT?

[견적받기](#)

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