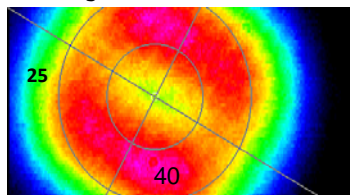
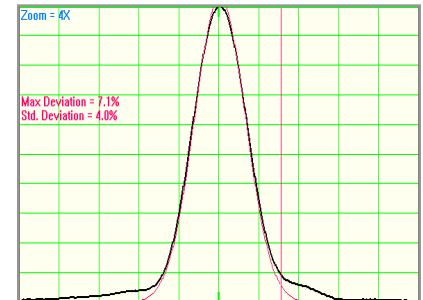
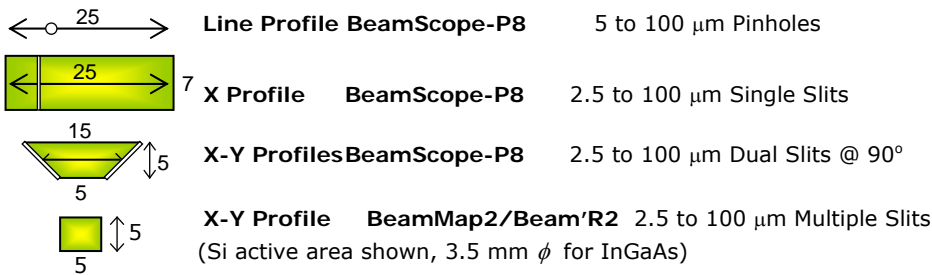


Select:	BeamScope™-P8 Scanning slits or pinhole: Probe head for narrow spaces; Rotating head mount option	Beam'R2™ Scanning X-Y slits Slit & Knife-edge modes New - Dual Detectors	BeamMap2™ Real-time X-Y-Z plus θ - ϕ profiling New - Dual Detectors
Profiling or Imaging	Precise, 0.1 μm resolution, 12-bit PROFILING		
	Versatile XY probe head 2D + M ² option	Precise XY	Focusing, Pointing, Collimation, M ²
Interface	USB 2.0 Port-powered ... no external power-brick		
CW or Pulsed	CW. Pulsed >5 kHz, high duty cycle	CW. Pulsed >100 kHz, high duty cycle	
	Si detector		
	Ge detector	(650 - 1800 nm) InGaAs detector.	
	Extended Range InGaAs detector, 3 mm diam.		
	InAs detector- 2 mm diam.		
	New 190 - 2400	New Dual Detecor Si/ InGaAs	
New .190 - 100 μ m	New Pyroelectric	New Pyroelectric (2009)	
Profiles			
Line profile	Yes	Yes	
X profile	Yes	Yes, unique patented capability	
X-Y profiles			
X-Y-Z profiles, plus \square - \square			
Area image	Yes: with 2DU-SS		
Best Resolution	0.1 μ m (2.5 μ m with 2-D Stage)	0.1 μ m	
Smallest Beam	0.5 μ m	0.5 μ m	
Largest Beam	See imaged areas below this table		
Power Handling	See detailed data sheets or Selection Request form. With accessories, you can handle almost any power.		
Update Rate	1 to 2 Hz (2D-SS stage, 0.01 Hz)	5 Hz (Real Time)	
M² Measurement	Yes, with M2DU-P8 Accessory		Yes- Real Time
Locate Focus	Yes, with M2DU-P8 Accessory		Yes, automatic for focused beams
Pointing/Divergence			CollIMate™ head
Collimation			
Switched Gain Range	42.5 dB	30 dB	
Dynamic Range	45 dB (75dB with Filter)	40 dB	
Portable	Yes USB 2.0		

Scanned & imaged areas shown *actual size*. Dimensions in mm



BeamScope-P8 with M2DU2D adapter
Up to 1,000 x 1,000 pixels



Product Selection Guide



WINCAMD™ - CAMERA SERIES ALL USB 2.0

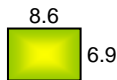
Select:	WinCamD-UHR 10 Bit	BladeCam™-HR 10 Bit Ultra-Compact	WinCamD-UCD12, WinCamD UCD23 14 Bit High Resolution		WinCamD-FIR 12 Bit High Resolution
Sensor	CMOS 1.3 MPixel 5.2 x 5.2 μm	CMOS 1.3 MPixel 5.5 x 5.2 μm <i>NEW</i>	CCD 1.4 MPixel 4.65 x 4.65 μm	CCD 1.4 MPixel 6.45 x 6.45 μm	MicroBolometer 76,800 Pixels 25 x 25 μm <i>NEW</i>
Interface	USB 2.0 Port-powered ... no external power-brick				
CW or Pulsed?	CW. Any pulsed Laser- Auto Capture				
Shutter	Rolling	Rolling	Synchronous To 25 kHz	Synchronous To 25 kHz	25 kHz
Single Pulse capture	With UV converter Standard				
1 - 350 nm	Extended Range -1310 version				
355 - 1150 nm	With CamIR Adapter				
355 - 1360 nm					
1475 - 1600 nm					
2-15 microns <i>NEW</i>					Standard
Imaged Area	1/2" CMOS 6.6 x 5.3 mm	1/2" CMOS 6.6 x 5.3 mm	1/2" CCD 6.5 x 4.8	2/3" CCD 9 x 6.7 mm	2/3" 9.6 x 7.2 mm
	TaperCamD 14 x 10 mm; TaperCamD20-15 - 20 x 15 mm				
X-Y profiles	Yes to all				
Best Resolution	1 μm				To 5 μm
Smallest Beam Diam*	52 μm	52 μm	47 μm	65 μm	250 μm
Largest Beam	See imaged areas below this table				
Power Handling	See detailed data sheets or Selection Request form. With accessories, you can handle almost any power.				
Update Rate	10 Hz	10 Hz	10 Hz	10 Hz	10 Hz
M² Measurement	Yes- with M2DU Stage				
Locate Focus	Move source or camera. Use M2DU Stage				
Pointing/Divergence /Collimation	Use DualCamD or M2DU Stage				
Dynamic range	CW: 43.5 dB, Exposure 40 μs to 1 s; Pulsed: ≥7.5 dB				
Signal to RMS noise	1,000:1	1,000:1	1,000:1	1,000:1	1,000:1

* 10x pixel size

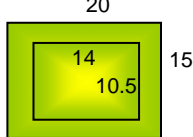
WinCamD-UCD12
BladeCam-HR



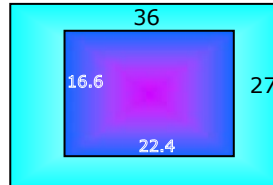
WinCamD-UCD23



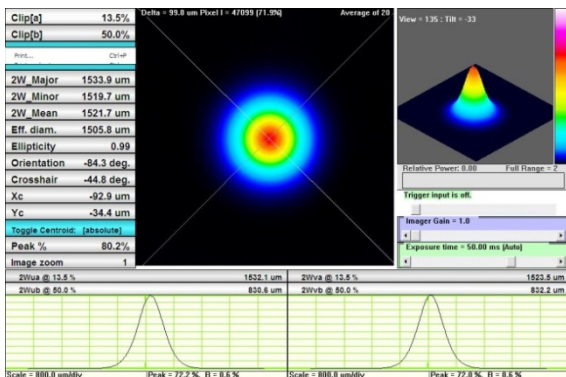
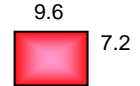
TaperCamD series



NIR converter
UV converter



WinCamD-FIR



WinCamD-UCD Shown with New
M2DU Stage for M²