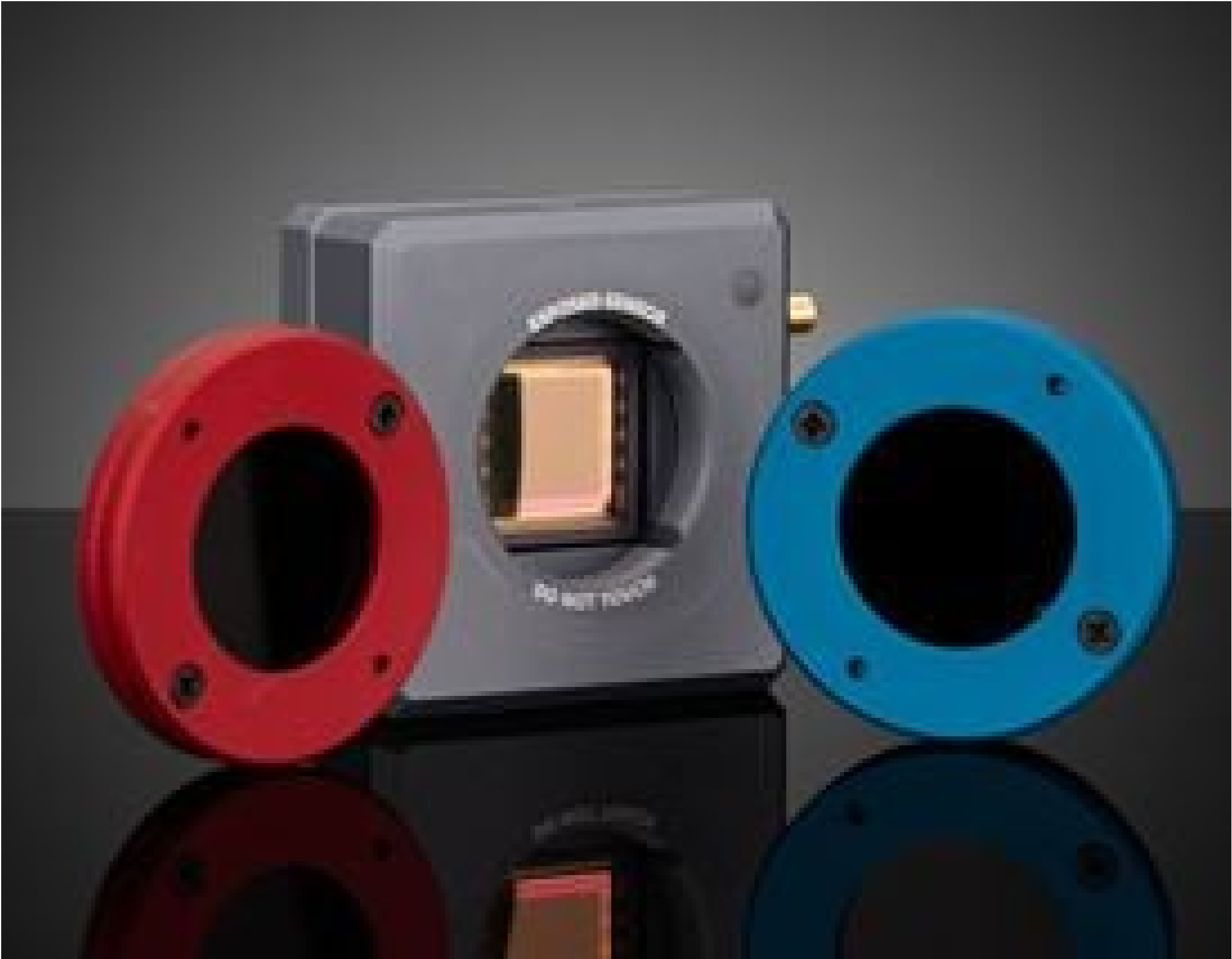


WinCamD-LCM-C-UV Beam Profiling Camera



#24-211 WinCamD-LCMBeam Profiler

Stock **#71-562** [CONTACT US](#)

-

1

+

£5,864⁰⁰

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Volume Pricing	
Qty 1+	£5,864.00 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
S-WCD-LCM-C-UV	Model Number:
Contents of Kit: Includes C-mount filters (ND-1, ND-2, ND-4) and 1" filters with C-mount adapter (NDL-1-UV, NDL-2-UV, NDL-4-UV).	
Physical & Mechanical Properties	
46 x46 x20	Dimensions (mm):

Dimensional Accuracy:	
±1µm	
Optical Properties	
Spectral Range:	
190 - 1150	
Minimum Stimulation, Pulsed:	
USB 2.0: 6.3 kHz USB 3.0: 12.6 kHz	
Beam Diameter (µm):	
55 (10 Pixels)	
Sensor	
Pixel Size, H x V (µm):	
5.5 x 5.5	
Pixels (H x V):	
2,048 x 2,048	
Sensing Area, H x V (mm):	
11.3 x 11.3	
Sensor Format:	
1"	
Frame Rate:	
60Hz	
Electrical	
Signal to Noise S/N Ratio (dB):	
2,500:1	
Peak Noise (nW/cm²):	
34 dB optical / 68 dB electrical	
Threading & Mounting	
Mount:	
8-32 thread, 8 mm deep	
Regulatory Compliance	
RoHS 2015:	
Exempt	
Certificate of Conformance:	
View	
REACH 241:	
Contains SVHC(s)	

Product Details

- Designed for Use from 355 to 16000nm
- Compatible with Beam Diameters Down to 52µm
- Robust and Easy to Use Free Software [Provided](#)
- Measure Beam Wander, M², Divergence, and More

DataRay Camera Beam Profilers provide excellent solutions for beam analysis of both continuous wave and pulsed laser sources. Each beam profiler features an integrated CMOS sensor (IR profilers feature Microbolometer sensors) that eliminates comet trailing for higher resolution output and allows for update rates of 60+ Hz. Sensors are available with active sizes of 6.6, 11.3, and 25mm horizontals, enabling measurement of large beam diameters. DataRay Camera Beam Profilers have the added advantage of a free, robust software with analysis features such as M² measurement, beam wander and logging, and instrument alignment. These profilers are USB3.0/2.0 powered and include a 3m flexible screw locking cable. Neutral density filters with optical densities of 1.0, 2.0, and 4.0 are included.