

PRELIMINARY DRAFT



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KNOWLEDGE THROUGH VISION

PhysicsCAM 7870

The PhysicsCAM connects directly to a wide range of classroom physics apparatus and allows for visual confirmation of experimental results. Now a camera which will allow teachers to create digital pictures of a number of physics experiments! The camera comes with an adjustable eyepiece which will allow attachment onto optical apparatus varying from 23-34 mm in diameter (O.D.). The PhysicsCAM connects directly to a PC or MAC computer through a USB port. Applied Vision™ Software for Windows provides image capture, time-lapse and movies of physical events.



Additional Features and Benefits

- Rubber Knurled Focusing System
- Pre-Attached Cabling
- Resolution 640 x 480 VGA
- 23 to 34mm Eyepiece
- Lens - 6 mm glass

Suggested Physics Apparatus and Experiments

- Spectrometers
- Color comparators
- Millikan Oil Droplet
- Interferometers
- Polarimeters
- Light Scopes
- Refractometers

PhysicsCAM SPECIFICATIONS

Weight	2 lbs / .9 kgs	Output Signal	Digital
Connection	USB	Microscope Adapter	28mm included
Resolution	Pre-attached 48" USB Cable	Software	Applied Vision™ for Windows®
	640 x 480 (VGA)		Ken-A-Vision Capture for
	352 x 288 (CIF)		Macintosh®
Lens	6mm Glass	Warranty	1 Year
Light Sensitivity	3.0 Lux		
Focal distance	8 mm to infinity		

Specifications subject to change without notice



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