

# ImageCAM

## GENERAL

ImageCAM is a fully integrated, high-resolution digital portrait image capture device that produces and transmits up to 7 Mega pixel flash photography digital images via a single USB 2.0 cable. It features an integrated electronically controlled high performance flash system capable of providing proper illumination in adverse ambient lighting conditions. All internal components are enclosed in a durable tamper resistant housing that may either free stand or be secured to a work surface with hidden fasteners. The camera system may be configured to accommodate a variety of work surface heights and installation security requirements. Each unit consists of three major components: a camera assembly, a base plate and a riser block of which two heights are available. By employing various combinations of these components the camera can be positioned at the optimum height to adjust for variation in counter height. It will properly capture images either sitting or standing subjects.



*ImageCAM*

## CAMERA

Type	Digital Still Camera with 3x Zoom Lens
<b>IMAGE CAPTURE DEVICE</b>	
Type	1/1.8 inch CCD
Effective Pixels	Approximately 7 million
<b>LENS</b>	
Focal Length	27 – 80mm
Optical Zoom	3x
Focusing Range	31 in – infinity
<b>EXPOSURE CONTROL</b>	
Sensitivity	Automatically adjusted in the range of ISO 80 to ISO 400 equivalent.
Light Metering Method	Digital evaluative, Center-Weighted or Spot.
Exposure Control Method	Programmed Automatic Exposure Control
White Balance Control	TTL (Through The Lens) Automatic White Balance Control
<b>FLASH</b>	
Range	3.0 – 10.0 ft
Recycling Time	5.0 sec. or less
Flash Duration	1.4 ms or less
<b>DIGITAL IMAGE</b>	
Image Format	JPEG or CCD-RAW
Image Resolution	3,072 x 2,304 pixels maximum
Image Size	7 MB maximum
Computer Interface	Universal Serial Bus 2.0 (USB2) High Speed

## PHYSICAL SPECIFICATIONS

Operating Temperature	32-104 °F (0-40 °C)
Operating Humidity	30-90%
Storage Temperature	-4-140 °F (-20-60 °C)
Storage Humidity	10-90%

## COMPUTER SYSTEM REQUIREMENTS

Hardware	IBM PC/AT compatible
Operating System	Windows 2000, Windows XP
CPU	500 MHz and over
RAM	128 MB or more

## MECHANICAL SPECIFICATIONS

General Construction	Three piece assembly consisting of a camera enclosure, an optional riser block and a base plate with leveling feet.
Materials Enclosure and Riser	18 gage, semi-gloss, textured, black powder coated carbon steel.
Base Plate	.5" thick, semi-gloss, textured, black powder coated carbon steel.

### PHYSICAL DIMENSIONS

Camera Assembly	6.5" wide x 22.5" tall, 4" depth
With Short Height Riser	6.5" wide x 31" tall, 4" depth
With Tall Height Riser	6.5" wide x 38.5" tall, 4" depth
Base Plate	10" wide x 1" tall (leveling feet installed), 8" depth

### WEIGHTS

Unit with Tall Riser	28 lbs
Unit with Short Riser	27 lbs
Unit with no Riser	26 lbs

### WORK SURFACE TO LENS HEIGHTS

Unit with no Riser	16"
Unit with Short Riser	24"
Unit with Tall Riser	31.5"
Camera Field of View	30" min to 90" max field of view (lens @ 60" high), 27mm equivalent

## ELECTRICAL

Input Power Requirement	115 VAC, 60 Hz
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## REGULATORY

Internal Components	UL Listed
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