

M3

360° FULL CIRCLE VIEW MINI CAMERA



Features

- 180° +360° Viewing Angle
- Mini Camera 1.3" (33mm) in size
- 3 Mega Pixel CMOS Image Sensor
- Digital Pan/Tilt/Zoom with no moving parts
- 15 Frames per Second
- NTSC/PAL composite output
- JPEG compressed digital images via USB port provide high-definition images to PCs.
- Built-in monaural microphone, which outputs audio synchronized with images
- Connect to VCR, USB port for JPEG output
- Glass lens to provide High-reliable and High-definition images.
- Simple Installation

Ordering Options

- M3n Camera w/Standard Lens
- M3f Camera w/Fringe Priority
- M3m Camera w/view angle 214° x 360°

Pair M3 With

Digital Video Server

Transfer your wide panoramic view images captured from the M3; save and record it in VGA or QVGA size and format.
Order Using Part Number DDIPS 108

Reference Kit

Simply use your camera with this add on kit. It comes with the following:
1 Control Board (wired)

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. December 2008.

Specifications

Power	Supply Voltage	5.0VDC
	Consumption Current	500mA max.
Lens	Object Distance	0 ~ infinity
	Viewing Angle	180° + 360°
	Single Panel Color CMOS	RGB Primary Colors
Image Sensor	Effective Pixels (h x v)	2048 x 1536; approx. 3.15M pixels
	Usable Pixels	approx. 1.85M pixels
Illumination	Minimum Light Required	10 lux
	Type	NTSC/PAL switchable
Analog A/V Output (VBS Mode)	Frame Rate	15 fps max
	Video Signal Systems	1Vp-p Composite Video, Negative Sync
	Audio Signal System	0.7Vp-p; Lip Sync Capable
	Output Drive Capability	75Ω
Digital AV Output (FS USB mode)	Signal System	USB 1.1
	Image Compression Type	JPEG
	Image Dimension	640 x 480 pixels (VGA size)
Audio Input	Built-In Monaural Microphone	1 Channel
Controlled Input	Mini USB Port	USB 1.1

Functions

Image Development Positioning	Adjustable
Output Display Modes	8 Display Modes
Exposure Control	Automatic
White Balance	Automatic
Video Signal	NTSC/PAL switching (preset)
Image Rotation/Flipping	Vertical via Control Signal
Pan/Tilt/Zoom	Via Control Signal

Physical & Environmental Characteristics

Dimensions (w x h x d)	45 mm x 36 mm x 30 mm
Weight	approx 2.12 oz. (60 ± 5 grams)
Power Supply Voltage	5.0VDC
Power Consumption Current	500mA max.
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C); 0~ 90% RH
Max Wet Bulb Temperature	84°F (29°C)
Storage Temperature	-22°F ~ 140°F (-30°C ~ 60°C); 5 ~ 95% RH