on a table: TV Conference Camera under a ceiling: Surveillance Camera

USB connection: WEB Camera

## Omnidirectional Camera

Built-in high-speed DSP enables to output developed flat/enhanced/panning images.



180 degrees Panoramic view

# Features

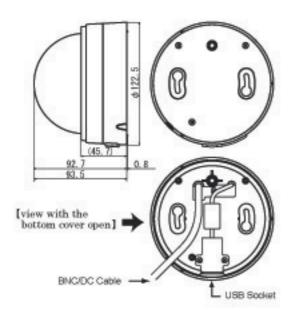


Partial Zoom

- 180° + 360° ultra wide Viewing Angle
- 3 Mega Pixel color CMOS Sensor
- JPEG compressed digital images via USB port provide high-definition image to PCs and VCR
- NTSC/PAL composite output
- max 15 frames per second
- Digital Pan/Tilt/Zoom with no moving parts
- 5 inch diameter DOME configuration

Digital output keeps high-resolution image.

Image flip function enlarges the utility.



## View Angle



## Specification

## CAMERA

Image Signal Output Image Sensor Effective Pixels (h x v) Usable Pixels Viewing Angle **Object Distance** Minimum Light Required white Balance Exposure Frame Rate Image Development

## INTERFACE

Image Output Control Signal Input Power Input

#### USB POWER

Input Voltage **Current Consumption** AC Adapter

## OTHERS

**Operation Temperature** Dimension Weight

NTSC/PAL composite (pre-setting at ex-factory) 3 Mega Pixel Color CMOS sensor 2048 X 1536, approx. 3.15 Mega pixels approx. 1.70 Mega pixels 180°, 360° 10 mm ~ infinity (from the lens surface) 5 lux automatic automatic 15 fps max. 15 patterns BNC female, 1 Vp-p, 750 Ω 6 pin, mini DIN

DC jack (AC Adapter) A type

DC 5.0 V ± 5 % 500 mA max. DC 5 V, 2 A (recommended)

0°C~ 40°C D122.5 X 93.7 mm approx. 400 grams

## Product Features

- Equipped with a newly developed small-sized fisheye lens (q20mm), taking pictures in hemispheric field of vision can reduce the number of cameras to use.
- Image flip function enables to place the camera either on a table or under a ceiling.
- Thanks to the built-in, newly developed, high-speed processor, you can convert a hemispherical image to a flat image and can zoom or scroll any portion of the images.
- JPEG compressed digital image output via USB port keeps high-resolution images to PC. Beside its very large data, 15 fps frame rate provides smooth video image.
- Thanks to the auto-panning function, you can enjoy auto-panning at your ease without turning your camera or extra image processing. The elimination of the swinging mechanism has reduced its cost and risk of malfunction.

#### Application

Store monitoring system Factory monitoring system TV Conference Entrance monitoring system Surveillance camera

#### Accessories

AC Adapter CD (application soft, user manual) USB extention cable (3 m)

period to the test