

# WACD-1000-LG27 Pan/Tilt/Zoom

27X OPTICAL ZOOM, HIGH RESOLUTION, ON-SCREEN DISPLAY

## Product Features

- LG Zoom Module
- 1/4-Inch Format CCD Sensor
- 27X Optical Zoom, 10X Digital
- High Speed Digital Signal Processing
- SMEAR Effect Suppression
- 480 Max TV Lines Resolution
- 64 User-Defined Presets
- Tour Mode
- On-Screen Display
- Indoor Low Profile Install
- 7" Compact Size
- Modular Design
- Back Light Compensation (BLC)
- Digital Zoom

The **WACD-1000** is an indoor, high resolution, digital, color, pan, tilt, zoom camera with a high quality LG 480 line CCD camera.

The **WACD-1000's** LG zoom module provides 27X optical zoom offering facial recognition at distances up to 345 feet. The WACD-1000 also features 64 presets with tour mode. Multi-protocol support ensures compatibility with a wide range of PTZ-enabled devices.

The on-screen programming of the WACD-1000 is very intuitive, allowing easy camera configuration and preset designation. The camera also features programmable white balance, backlight compensation, mirroring, multi-protocol support and more.



The indoor housing is ideal for low profile installs providing discreet surveillance. The **WACD-1000s** modular design guarantees efficient installation and service.

The **WACD-1000** can mount flush to the ceiling or the optional embedded bracket can be used to easily ceiling mount the camera while concealing the housing.

The camera operates on 12VDC which is limited to 50 feet for power runs. For power runs up to 200 feet use the optional PC1A converter and 24VAC power supply.

View and control this camera from any Internet capable PC with the optional Bluenet™ video server (sold separately).

# TECHNICAL SPECIFICATIONS

## MODELS

WACD-1000

LG high resolution digital color CCD  
pan/tilt/zoom camera. 480 TVL, 12VDC,  
NTSC.

## CAMERA

|                            |  |
|----------------------------|--|
| Sensor Type                | 1/4-inch LG/Sony Color CCD                 |
| Effective Pixels           | 752 (H) x 582 (V)                          |
| Scanning System            | 2:1 Interlace                              |
| Horizontal Resolution      | More than 480 TV Line                      |
| Iris Control               | Auto/Manual                                |
| Focus Control              | Auto/Manual                                |
| Auto Iris                  | DC   |
| Minimum Illumination       | 1.0 (F/1.6)                                |
| S/N Ratio                  | >50dB                                      |
| Automatic Gain Control     | Auto                                       |
| Electronic Shutter Control | Auto                                       |
| Backlight Compensation     | Auto/Manual                                |
| White Balance              | Auto/Manual                                |
| Zoom                       | 27X Optical / 10X Digital F = 3.9 – 85.8mm |
| Signal Processing          | Digital Signal Processing (DSP)            |
| Video Output               | 1.0Vp-p(Sync, Negative), 75 ohms           |

## DOME

|                              |  |
|------------------------------|--|
| Preset                       | 64   |
| Auto Tour                    | 1  |
| Zoom-Rotation<br>Interaction | Automatic Speed / Zoom Ratio                                 |
| Auto Pan Scan                | Programmable, Start, Stop, Speed                             |
| Pan Speed                    | 0.2° - 15° /second   |
| Pan Range                    | 360° Continuous  |
| Tilt Speed                   | 0.2° - 15° /second   |
| Tilt Range                   | 90°  |
| Control                      | RS-485   |
| Protocol                     | Pelco-D, Pelco-P, A01, B01, Santachi,<br>Longomity, Hunda600 |
| Baud Rate                    | 2400/4800/9600/19200 bps                                     |

## ELECTRICAL

|                    |          |
|--------------------|----------|
| Power Requirements | 12V DC   |
| Power Consumption  | ~1.2 Amp |

## ENVIRONMENTAL

|                    |                           |
|--------------------|---------------------------|
| Indoor Temperature | 32° to 104°F (0° to 40°C) |
|--------------------|---------------------------|

## PHYSICAL

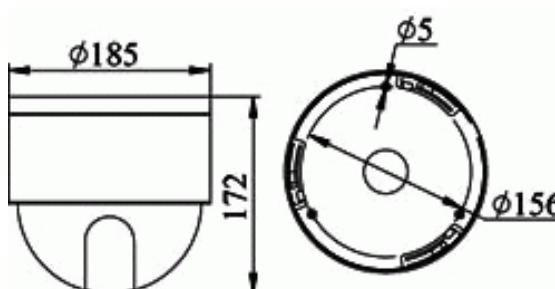
|                 |                            |
|-----------------|----------------------------|
| Dimensions      | 172(H) x 185(D)mm          |
| Weight          | 3.75 lb (1.70 kg) approx.  |
| Shipping Weight | 5.25 lbs (2.38 kg) approx. |

## RECOMMENDED POWER SUPPLIES

|            |          |
|------------|----------|
| 12VDC 2.5A | Included |
|------------|----------|

## OPTIONAL ACCESSORIES

|            |   |
|------------|---|
| ACD-PTZ-EB | Embedded Ceiling Bracket                |
| PC1A       | 24VAC to 12VDC Converter 1A             |
| 24VAC      | 24VAC power supply                      |
| KCT-100    | Compact Keyboard / Joystick Controller  |
| KCT-2500   | Tri-Axis Keyboard / Joystick Controller |
| BB01S      | Bluenet™ Remote Access Video Server     |



Optional Embedded Bracket  
WACD-PTZ-EB

