

## ACD-4000-37X High Speed Pan/Tilt/Zoom

37X OPTICAL ZOOM, ULTRA HIGH RESOLUTION, ADVANCED OSD

### Product Features

- Genuine LG Zoom Module
- 1/4-Inch Sony ExviewHAD CCD Sensor
- 37X Optical Zoom, 12X Digital
- 540 Max TV Lines Resolution
- 0.001 Ultra Low Light Capability
- Dual Shutter WDR
- Electronic Image Stabilizer
- DSS (Digital Slow Shutter)
- 300°/sec Pan/Tilt Operation
- Intelligent Temperature Control
- 128 User-Defined Presets
- 4 Tour Modes
- 4 Custom Patterns
- Auto Resume Function
- IP66 Weatherproof Rating
- 7 Alarm Inputs / 2 Outputs

The **ACD-4000-37X** is a high speed, high resolution, full featured digital color pan, tilt, zoom camera with the very latest technology from LG, introducing an industry 1<sup>st</sup> 37X optical zoom.

The **ACD-4000-37X's** LG zoom module provides 37X optical zoom offering facial recognition at distances up to 515 feet. The 540TVL ultra high resolution guarantee's a sharp, crisp, detailed image. The LG zoom module also provides WDR for auto compensation during varying lighting scenes and is the best quality zoom camera on the market today, superseding both Hitachi and Sony. Pan speeds operating as fast as 300°/second, tilt 150°/second ensure effective coverage using the camera's 4 customizable tour modes and 4 180 second recordable patterns.

The aluminum alloy structure, IP 66 weatherproof and lightning proof rated housing includes a built-in heater/blower with CPU thermo-control, temperature configuration, alarms, and readouts facilitating harsh winter environments.



The on-screen programming of the **ACD-4000-37X** is very intuitive, allowing easy camera configuration and preset designation. The camera features a slew of advanced features. Auto-Home feature can be enabled to resume an action after a specified period of inactivity. Power-On Action feature can be enabled to auto-start an action on power up, helpful in restoring observation after power failure. Auto-flip, proportional panning, real-time clock with scheduled tours and presets, perimeter name tagging, 4 customizable 180 second patterns, auto pan, password protection, alarm triggering, programmable white balance, auto exposure, and backlight compensation are just a few of the other features configured via the OSD.

Night operation can be configured allowing the camera to display color by day and black/white at night for excellent low light performance. Digital Slow Shutter (DSS) is also employed during low light providing very good night performance.

The **ACD-4000-37X** is an ultra high end PTZ combining excellent clarity, detail and color reproduction with an advanced OSD and 37X optical zoom camera from LG's latest zoom module technology.

# TECHNICAL SPECIFICATIONS

## MODELS

ACD-4000-37X  
LG high resolution digital color CCD  
pan/tilt/zoom camera. 540 TVL, 24VAC,  
NTSC

## CAMERA

Sensor Type 1/4-inch Sony Exview Color CCD  
Effective Pixels 811 (H) x 508 (V)  
Signal Processing LG XDI DSP  
Horizontal Resolution More than 540 TV Line  
Iris Control Auto/Manual  
Focus Control Auto/Manual  
Auto Iris DC  
Minimum Illumination Color Mode – 0.01 lux  
Night Mode – 0.001 lux  
S/N Ratio >50dB  
Automatic Gain Control Auto  
Electronic Shutter Control Auto/Manual  
Backlight Compensation Auto/Manual/WDR  
White Balance Auto/Manual  
IR Cut Filter Auto/On/Off  
Zoom 37X Optical / 12X Digital f = 3.49-129mm  
Signal Processing Digital Signal Processing (DSP)  
Video Output 1.0Vp-p(Sync, Negative), 75 ohms

## SPEED DOME

Preset 128  
Auto Tour 4  
Pattern 4, 180 second recordable pattern  
Alarms 7 inputs / 2 relay outputs  
Zoom-Rotation Automatic Speed / Zoom Ratio  
Interaction  
Auto Pan Scan 360° programmable  
Pan Speed 0.4° - 300° /second  
Pan Range 360° Continuous  
Tilt Speed 0.4° - 150° /second  
Tilt Range 90°  
Control RS-485  
Protocol Pelco-D, Pelco-P, Samsung, B01,  
Dynacolor, Santachi, Panasonic, Vicon,  
Hunda, Lilin, ISD, Molynx, Kalatel, VCL,  
SAE, Diamond, Philips, AD  
Baud Rate 2400/4800/9600/19200 bps  
Fan & Heater Auto/Manual

## ELECTRICAL

Power Requirements 24V AC 50/60Hz 24-60 VA

## ENVIRONMENTAL

Outdoor Temperature -40° to 122°F  
Humidity 0-90% (no condensation)

## PHYSICAL

Weight 7.5 lb  
Shipping Weight 15 lbs

## RECOMMENDED POWER SUPPLIES

24VAC Included

## OPTIONAL ACCESSORIES

KCT-100	Service Keyboard/Joystick Controller
ACD-PTZ-BW1	Outdoor Ceiling Mount
ACD-PTZ-BW9	Outside Corner Mount
ACD-PTZ-BW7	Pole Mount
ACD-PTZ-BW6	Extended Wall Mount
ACD-PTZ-WP10	Outdoor Power Supply Box