



ZC-D4312PHA Dome Camera

Super High Resolution Dome

DATA SHEET



The ZC-D4312PHA Dome camera has a high performance CCD image sensor combined with a new DSP chip delivering a super high resolution of 540TVL and super high sensitivity to give impressive low light performance even in the most demanding situations.

The dome camera is supplied complete with 3.3-12.0mm direct drive aspherical lens to provide clear, sharp images in all circumstances.

Further setup can be achieved by selecting the dip switches on the camera body. These include BLC, AGC-EX for extra sensitivity and AWB. Also incorporated is a flickerless mode which minimises interference associated with fluorescent lighting and an SDN mode to automatically switch to monochrome in low light situations and improve record rates when used in conjunction with DVR's.

The dome camera has a 3 axis gimble for adjusting the dome camera positions, allowing it to be ceiling mounted or wall mounted.

Key Features

- **1/3" IT CCD**
- **Super High Resolution (540TVL)**
- **Integrated 3.3-12.0 mm Aspherical lens**
- **Impressive colour reproduction**
- **Digital Night shot mode for improved performance in low light**
- **Flicker less mode**
- **Line lock with phase adjustment**
- **Backlight compensation**
- **Automatic gain control**
- **Flexible mounting options with the unique 3 axis gimble**

Ordering Information

ZC-D4312PHA Super High Resolution Colour
Dome Camera





ZC-D4312PHA Dome Camera

Super High Resolution Dome

Technical Specification

MODEL	ZC-D4312PHA
CAMERA SPECIFICATION	
TV System	Pal
Image Sensor	1/3" IT CCD
Effective Elements	752 (H) x 582 (V)
Approximate Pixels	430K
Scanning System	2:1 Interlace
Scanning Frequency	15.625kHz / 50.0Hz
Resolution (Horizontal)	540 TVL
Minimum Illumination	1.4 lux @ F1.4
S/N Ratio	50dB
Gamma Characteristics	0.45
Sync System	INT./L.L.
Video Output	1.0 V(p-p) / 75 ohm, Unbalanced
Digital Day/Night	SDN Auto/On/Off
White Balance	AWB
AWB Normal Range	2700K ~ 11000K
AWB EX Range	2000K ~ 18000K
Power Supply	12 V DC/ 24 V AC
Power Consumption	4.2W
Ambient Temperature	Operation : -10°C ~+50°C / Storage : -20°C ~+60°C
Ambient Humidity	Operation: 85% RH max. / Storage : 95% RH max.
External Dimensions	120(D)mm x 100 (H)mm
Weight (approximate)	350g
LENS SPECIFICATION	
Focal Length	3.3~12.0mm
F-No.	F1.4
Iris Range	F1.4~F360
Minimum Object Distance	0.5m
Angle of View	125.7°~29.9° 89.8°~23.9° 63.6°~17.9°
Lens Type	Aspherical

Features and specifications are subject to change for further improvement without any notice

