



ZC-DNT4312PHA Dome Camera

DATA SHEET

Super High Resolution Vandal Dome



Key Features

- **True Day/Night camera with automatic removable filter**
- **1/3" CCD**
- **Super High Resolution (540TVL)**
- **Integrated 3.3-12.0mm Aspherical lens**
- **Impressive colour reproduction**
- **Flexible mounting options**
- **Weatherproof (IP66) rated**
- **Impact and scratch resistant polycarbonate bubble**
- **Flicker less mode**
- **Line lock with phase adjustment**
- **Backlight compensation**
- **Automatic gain control**
- **Flexible mounting options with the unique 3 axis gimble**

The ZC-DNT4312PHA Vandal Dome camera provides a perfect solution for surveillance projects where cameras need to be installed in harsh environments. The dome bubble is constructed of extra strong impact resistant polycarbonate and a vandal resistant IP66 housing with anti-tamper Torx screws (supplied).

The ZC-DNT4312PHA is a true Day/Night dome camera featuring 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 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 for extra sensitivity and AWB. Also incorporated is a flickerless mode which minimises interference associated with fluorescent lighting. The Day/Night changeover threshold can also be adjusted to add even further flexibility.

The ZC-DNT4312PHA has a 3 axis gimble for adjusting the dome camera positions, allowing it to be ceiling mounted or wall mounted. Plus the unique case design allows the camera to be flush or surface mounted without losing any integrity.

Ordering Information

ZC-DNT4312PHA Super High Resolution Colour
Vandal Resistant Dome Camera





ZC-DNT4312PHA Dome Camera

Super High Resolution Vandal Dome

Technical Specification

MODEL	ZC-DNT4312PHA
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 (100)	1.0 lux (Day) / 0.08 lux (Night)
With IR Illuminance	0.00 lux (Night mode, B/W)
S/N Ratio	50dB
Gamma Characteristics	0.45
Sync System	INT./L.L.
White Clip	120 IRE
Video Output	1.0 V(p-p) / 75 ohm, Unbalanced
Electric Shutter	1/50 sec ~ 1/100000
Day/Night	Burst ON/OFF & IR cut filter IN/OUT
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.
IP Rating	IP66
Bubble Thickness	2mm
External Dimensions	120(D)mm x 100 (H)mm
Weight (approximate)	300g
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

