



ZC-DWT4039PHA Dome Camera

DATA SHEET

Super Wide Dynamic High Resolution Vandal Dome



Key Features

- **Super Wide Dynamic camera**
- **Next Gen Pixim sensor technology**
- **Works in the most challenging of lighting conditions**
- **On Screen Display (OSD)**
- **Super High Resolution (520TVL)**
- **Integrated 3.0-9.0mm Varifocal 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**
- **Digital Noise reduction for improved performance at night**
- **Automatic gain control**
- **Easy adjustment with the unique 3 axis gimble**

The ZC-DWT4039PHA 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-DWT4039PHA is a Super Wide Dynamic dome camera featuring advanced next generation Pixim based technology. Using this new sensor the ZC-DWT4039PHA has advanced control over every pixel. This allows the camera to capture detail in shadows and manage light more effectively in bright glare. This advanced feature makes this dome perfect for use in lobby's, store fronts or entrances where traditional cameras would strain to show details like facial features etc.

The dome camera is supplied complete with 3.0-9.0mm direct drive varifocal lens to provide clear, sharp images in all circumstances.

Setup is enhanced by using an easy to use On Screen Display (OSD) menu. The OSD allows easy setup of the cameras preset exposure modes to enable 'out of the box' operation.

The ZC-DWT4039PHA 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-DWT4039PHA Super Wide Dynamic Colour
Vandal Resistant Dome





ZC-DWT4039PHA Dome Camera

Super Wide Dynamic High Resolution Vandal Dome

Technical Specification

MODEL	ZC-DWT4039PHA
TV System	Pal
Focal Length	3.0-9.0 mm
Max aperture Ratio	1:1.3
Angle of View D	116.2° ~ 39.7°
H	90.0° ~ 31.8°
V	66.2° ~ 23.9°
Image Sensor	Pixim Sensor
Effective Elements	720 (H) x 540 (V)
Scanning Frequency	15.625kHz / 50.0Hz
Iris (DC auto iris)	F1.3 - 360
Resolution (Horizontal)	520 TVL
Minimum Illumination (100 IRE)	1.3 lux
S/N Ratio	> 50dB
Gamma Characteristics	0.45
Sync System	INT./L.L.
Video Output	1.0 V(p-p) / 75 ohm, Unbalanced
Wide Dynamic Range area	1 zone (adjustable)
Slow Shutter	Pre-defined 2x, max 32 x
Electric Shutter	1/50 sec ~ 1/100000
Digital Day/Night	SDN Auto/On/Off
White Balance	AWB, MWB - 1 press
AWB Normal Range	2700K ~ 11000K
AWB EX Range	2000K ~ 18000K
Power Supply	12 V DC/ 24 V AC
Power Consumption	3W
Ambient Temperature	Operation : -10°C ~ +50°C / Storage : -35°C ~ +60°C
Ambient Humidity	Operation: 85% RH max. / Storage : 95% RH max.
IP rating	IP66
Bubble Thickness	2mm
External Dimensions	171(D)mm x 100 (H)mm
Weight (approximate)	586g
Adjustment Volume	DC iris level, Line phase

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

