



ZC-D3000 Range

DATA SHEET

High Resolution Colour, B&W & Col/Mono (Day & Night) mini domes with integrated varifocal lenses



- 1/4 " IT CCD
- High Resolution
- Integrated 2.8-10.0mm auto iris varifocal lens
- Integrated 4.0-7.5 mm auto iris lens (Day & Night version)
- Line lock with phase adjustment
- Backlight compensation
- Automatic gain control
- Easy adjustment with the unique 3 axis gimble
- External ZC-OH2 housing available (Impact resistant)

Compact and stylish high resolution dome designed with a built in high speed Computar varifocal lens.

The ZC-D3000 range is available as either colour, monochrome or as a combination (Day & Night). All units come with low voltage input, allowing either 12Vdc or 24 Vac.

The dome camera is complete with either 2.8-10.0mm or 4.0-7.5mm (Colour/Mono version) auto iris high speed varifocal lens, providing optimum performance in demanding lighting conditions.

Further setup can be achieved by selecting the switches on the camera body. These include backlight compensation, AGC on/off, auto white balance/auto white tracing (colour only).

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

The ZC-D3000 dome range can be installed externally using various options including Impact Resistant. A further option is a NVT Twisted Pair module.

Models available in this range

ZC-D3210PHA High Resolution Colour
2.8-10.0mm

ZC-D3210CHA High Resolution Mono
2.8-10.0mm

ZC-DN3048PHA High Resolution Day & Night
4.0-7.5mm

ZCD1-NVT NVT Twisted Pair module





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TECHNICAL SPECIFICATION

Model	ZC-D3210PHA	ZC-D3210CHA	ZC-DN3048PHA
Focal length	2.8 -10.0mm		4.0 - 7.5mm
Max. Aperture Ratio	1:1.2		1:1.6
Iris	F1.2 - 360 (DC auto iris)		F1.6 - 360 (DC auto iris)
Angle of View	D	105.8° ~ 27.0°	67.3° ~ 36.4°
	H	78.2° ~ 21.6°	52.6° ~ 29.0°
	V	55.8° ~ 16.2°	38.8° ~ 21.7°
TV System	PAL	CCIR	PAL
Scanning System	2:1 Interlace		
Image Sensor	1/4 " IT CCD		
Effective Elements	752 (H) x 582 (V)		
Scanning Frequency (H/V)	15.625kHz / 50.0Hz		
Resolution (Horizontal)	480 TVL	580 TVL	480 TVL
Minimum illuminance 50IRE	1.5 lux	0.48 lux	0.28 lux (Night mode, B&W)
	100IRE	0.24 lux	0.09 lux, (Night mode, B&W)
	With IR illuminance		0.00 lux (Night mode, B&W)
S/N Ratio	More than 50dB (AGC gain : minimum)		
Gamma Characteristic	0.45		
Sync. System	INT. / L.L.		
Electric Shutter	1/50 sec. Fixed (Flickerless:OFF) 1/120 sec. Fixed (Flickerless: ON)		
White Balance	ATW	-	ATW
Power Supply	AC 24V ± 10%, 50 Hz ± 1Hz / DC 12V ± 10%		
Power Consumption DC 12V	2.0 W	1.5 W	2.0 W
	AC 24V	2.5 W,180 mA	2.0 W,155mA
Ambient Temperature	Operation : -10°C ~+50°C / Storage : -20°C ~+60°C		
Ambient Humidity (No Condensation)	Operation: 85% RH max. / Storage : 95% RH max.		
External Dimesnsions	128(D)mm x 101 (H)mm		
Weight (Approximate)	400g		
Adjustment Volume	DC iris level. Line phase		

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

