



zc series

HI-RES B/W, COLOR, AND DAY/NIGHT DOMES WITH AUTO-IRIS VARIFOCAL LENSES



540
Line Super
Hi-Res Now
Available

- Indoor & outdoor models
- Integrated computer auto-iris varifocals
- Optional twisted-pair CAT 5 video transmission
- 12VDC or 24VAC power input
- Surface mount, flush mount, pendant mount and wall mount options

dome features

Day/Night Model

Day Night Dome provides hi-res color images during the day and high sensitivity B/W images at night.



Dip switch settings for AGC, Backlight control and Auto White Balance

Video cable with BNC for quick video connection



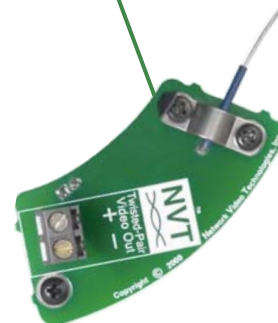
Auto-sensing dual voltage input (12VDC or 24VAC)

Proprietary Pan / Tilt / Rotation mechanism permits mounting on horizontal or vertical surfaces

Line Phase Adjustment for synchronizing cameras in 24VAC applications

Detachable service monitor cable for easy adjustment during installation

Optional NVT Transmitter for use with CAT 5 cable



Zoom & Focus controls

Hi-Speed auto-iris varifocal lenses provide excellent low-light performance

Super Hi-Res Model

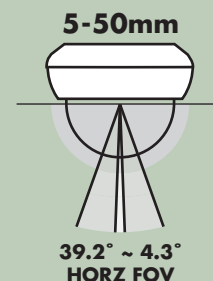
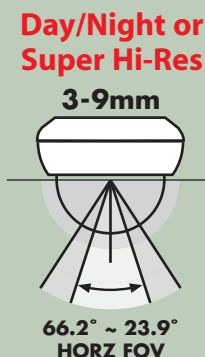
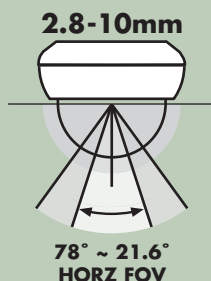
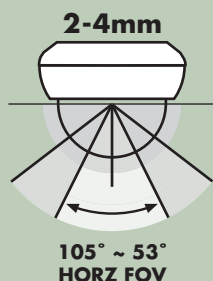
Super Hi-Res offers **540 TVL** for outstanding clarity



4 Varifocal Lens Options

Integrated **computer** auto-iris varifocal lenses provide a wide variety of adjustment ranges.

Day/Night lens utilizes a mechanical shutter for removal of IR cut filter.



mounting options

Indoor



SURFACE MOUNT

Standard

FLUSH MOUNT

Accessory Model No.
ZC-FM2

PENDANT MOUNT

Accessory Model No.
ZC-PM1

WALL MOUNT

Accessory Model No.
ZC-WM1

- | | |
|-------------|---|
| 1. ZC-FM2 | Flush mount kit can be used with drop ceiling, sheetrock or other indoor ceiling material |
| 2. ZC-PM1 | Pendant mount adapter; mounts to dome base and uses 1" NPT pipe |
| 3. ZC-WM1 | Wall mount includes ZC-PM1 pendant mount and wall bracket |
| 4. ZP-DCS10 | Tinted dome cover conceals lens for discrete applications |
| 5. ZC-GP1 | Single gang box mounting plate |

Outdoor/ Impact-Resistant



ZC-OH2

Outdoor Housing for ZC-D3000/
ZC-D2550 Series Domes

CONDUIT BASE MOUNT

Accessory Model No.
ZC-CB2

PENDANT MOUNT

Accessory Model No.
ZC-PM2

OUTDOOR WALL MOUNT

Accessory Model No.
ZC-WM2

- | | |
|-----------|--|
| 1. ZC-OH2 | Impact resistant aluminum/lexan outdoor housing; accepts all ZC-D3000/ZC-D2550 Series Dome cameras |
| 2. ZC-CB2 | Conduit adapter mounts to ZC-OH2 housing base and accepts 1/2" conduit from the side |
| 3. ZC-PM2 | Pendant mount adapter mounts to ZC-OH2 housing base and accepts 3/4" standard pipe |
| 4. ZC-WM2 | Outdoor wall mount includes ZC-PM2 pendant mount and wall bracket |

specifications

ZC Series Dome Models

	HIGH RESOLUTION B/W	HIGH RESOLUTION B/W with NVT	HIGH RESOLUTION COLOR	HIGH RESOLUTION COLOR with NVT
2-4mm Varifocal Lens	ZC-D3024EHA	ZC-D3024EHAT*	ZC-D3024NHA	ZC-D3024NHAT*
2.8-10mm Varifocal Lens	ZC-D3210EHA	ZC-D3210EHAT*	ZC-D3210NHA	ZC-D3210NHAT*
D/N 3-9mm Varifocal Lens	—	—	(D/N) ZC-DN3039NHA	(D/N) ZC-DN3039NHAT*
540TVL 3-9mm Varifocal Lens	—	—	(540TVL) ZC-D3039NSA	(540TVL) ZC-D3039NSAT*
5-50mm Varifocal Lens (A/I)	ZC-D2550EHA	ZC-D2550EHAT*	ZC-D2550NHA	ZC-D2550NHAT*
5-50mm Varifocal Lens (M/I)	ZC-D2550EH	ZC-D2550EHT*	ZC-D2550NH	ZC-D2550NHT*

*Pre-installed NVT transmitter provides video transmission over CAT 5/Twisted pair cable. A separate receiver is required.

Outdoor Housing Kits: ZC Series Domes can be ordered in kits with the ZC-OH2 Outdoor Housing. Please see our price list for kit model numbers.

Camera Specifications

TYPE	HIGH RESOLUTION B/W	HIGH RESOLUTION COLOR	SUPER HIGH RESOLUTION COLOR
MODELS	ZC-D3024EHA/3210/2550	ZC-D3024NHA/3210/ D/N 3039/2550	ZC-D3039NSA
RESOLUTION (HORIZONTAL)	580	480	540
TV SYSTEM	EIA	NTSC	NTSC
AGC	plus24dB maximum	plus26dB maximum	plus26dB maximum
S/N RATIO (AGC OFF)	More than 50dB (AGC gain minimum)	More than 50dB (AGC gain minimum)	More than 48dB (AGC gain minimum)
WHITE BALANCE	—	Auto (ATW)	Auto (ATW)
GAMMA CHARACTERISTIC		0.45	
SYNC SYSTEM		INT/Linelock	
SCANNING SYSTEM		2:1 Interlace	
IMAGE SENSOR		1/4" CCD Interlace	
EFFECTIVE ELEMENTS (H) x (V)		768x494	
VIDEO OUTPUT		1.0V p-p/75_	
POWER SUPPLY		AC24V±10% or DC12V ± 10%	
EXTERNAL DIMENSIONS		128(w) x 101(h)mm/5.03"(w) x 3.97"(h)	
WEIGHT		400g or 14.1 ounce	
DIP SWITCH SETTINGS		Sync. L.L./INT; AGC Off/On; BLC Off/On	
SCANNING FREQUENCY		15.734KHz (Horizontal)/59.94Hz (Vertical)	
OPERATING TEMPERATURE		Operation: -10°~ +50°C Storage: -20°~+60°C	
AUTO IRIS ADJUSTMENT		DC Iris level adjustment (Adjustment tool provided)	

Lens Specifications

MODELS	ZC-D3024EHA/NHA	ZC-D3210EHA/NHA	ZC-DN3039NHA	ZC-DN3039NSA	ZC-D2550EHA/NHA
LENS FOCAL LENGTHS	2.0-4.0mm (wide angle)	2.8-10mm standard	3.0-9.0mm (day/night)	3.0-9.0mm (super hi-res)	5.0-50.0mm (super telephoto)
MINIMUM ILLUMINANCE 50IRE	0.75lux 2.3lux (Hi-Res B&W) (Hi-Res Color)	0.48lux 1.5lux (Hi-Res B&W) (Hi-Res Color)	0.21lux (Night mode, B&W)	1.2lux (Super Hi-Res Color)	0.18lux 1.8lux (Hi-Res B&W) (Hi-Res Color)
MINIMUM ILLUMINANCE 30IRE	0.36lux 1.2lux (Hi-Res B&W) (Hi-Res Color)	0.24lux 0.75lux (Hi-Res B&W) (Hi-Res Color)	0.07lux (Night mode, B&W)	0.61lux (Super Hi-Res Color)	0.09lux 0.9lux (Hi-Res B&W) (Hi-Res Color)
LENS F-STOP RANGE	F1.4-360 (DC Auto Iris)	F1.2 - 360 (Auto)	F1.4 - 360 (Auto)	F1.2 - 360 (Auto)	F1.3 - 360 (Auto), F1.3 - C (Manual)
LENS HORIZONTAL FOV	105.1° - 53.2°	78.2° - 21.6°	66.3° - 23.9°	66.2° - 23.9°	39.2° - 4.3°

Optional Outdoor Housing Specifications (Model ZC-OH2)

HOUSING MATERIAL	Cast aluminum with powder coat painted finish, all stainless steel hardware
DOME MATERIAL	Impact-resistant clear polycarbonate dome with black interior liner (tinted, chrome, & gold dome options available)
HOUSING COLOR	Off-white powder coat paint (other color options available)
ENCLOSURE PROTECTION	Designed to meet NEMA 5, IP67 standards
TEMPERATURE RANGE	-20° to +140°F (using ZC Series dome camera)
WEIGHT	1 lb. 15oz (ZC-OH2 housing only)
DIMENSIONS	5.82" diameter, 4.20" overall height



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