



# ZC-D5000XA SERIES

## 700 TVL WDR DOMES



WITH **OX5**  
TECHNOLOGY



Integrated CS Mount  
Varifocal Lenses

- 700 TVL Ultra High Resolution
- 12,600x WDR (Wide Dynamic Range) on select models
- Extremely High Sensitivity Day/Night Mode
- Super Low Light Performance
- 4 **Computer**® CS Mount Varifocal Lens Options
- Automatically switches between 4 preprogrammed profiles for best image results
- Smart Day/Night mode synchronizes with IR LED
- 2D/3D Digital Noise Reduction
- Test Pattern Output with color bar and resolution chart

Scan Me!



CBC (AMERICA) Corp.

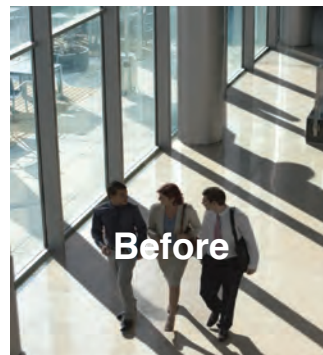
[www.computarganz.com](http://www.computarganz.com)

# DOME FEATURES

These high performance domes feature **GX5** technology, combining 700TVL, WDR (wide dynamic range) correction, intelligent image enhancement and advanced OSD controls. They are designed to deliver an unprecedented level of resolution, sensitivity and control for optimal video surveillance in all conditions. The OSD menu provides multiple programming options and installation tools.

## Exceptional WDR

Unsurpassed Image Quality in Very Bright and Dark or Backlit Areas.



## 700 TVL

Ultra High Resolution Reproduces Clear and Detailed Images.



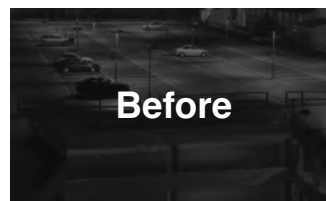
## FBC

Fine Black Correction Enhances Details of Subjects in Dark Areas.



## Super Low Light

Extremely High Sensitivity for Optimal Low Light Performance.



# MOUNTING OPTIONS

## Indoor



**Surface & Standard  
Flush Mount**



**Flush Mount  
ZC-FM3**



**Pendant Mount  
ZC5-PM1 / ZC7-PM1**



**Wall Mount  
ZC5-WM1 / ZC7-WM1A**

*\*indicates model shown*

## Outdoor/Impact-Resistant



**Outdoor Housing  
ZC-OH5**



**Bottom View  
Conduit Hole detail**



**with Pendant Mount  
ZC5-PM2**



**with Wall Mount  
ZC5-WM2 / \*ZC5-WM2A**

*\*indicates model shown*

## Accessories

ZC5PM1	<b>Indoor Pendant Mount</b> - Mounts to dome base (uses 1" NPT pipe)
ZC7-PM1	<b>Indoor Pendant Mount</b> - Mounts to dome base (uses 3/4" NPT pipe)
ZC5-WM1	<b>Indoor Wall Mount</b> - Pendant mount & wall bracket (uses 1" NPT pipe)
ZC7-WM1	<b>Indoor Wall Mount</b> - Pendant mount & wall bracket (uses 3/4" NPT pipe)
ZCA-DCS50	<b>Tinted Dome Cover</b> - Conceals lens for discrete applications
ZC-OH5	<b>Outdoor Housing</b> - IP66 Rated, Impact-resistant
ZC5-PM2	<b>Outdoor Pendant Mount</b> - Mounts to ZC-OH5 (uses 1" NPT pipe)
ZC5-WM2/2A	<b>Outdoor Wall Mount</b> - includes ZC5-PM2 pendant mount & wall bracket
ZC5X-HTR	<b>Heater</b> - 24 VAC for ZC-OH5 outdoor housing
ZCD5-NVT	<b>NVT Module</b>

**Heater  
ZC5X-HTR**



**NVT Module  
ZCD5-NVT**



Models	ZC-D5025NXA	ZC-D5212NXA	ZC-DW5212NXA	ZC-DN5212NXA	ZC-DWN5212NXA	ZC-D5550NXA	ZC-DW5550NXA	ZC-DN5840NXA
<b>Focal Length</b>	2.3-5mm	2.8-12mm				5-50mm		8.5-40mm
<b>WDR Performance</b>	Digital WDR	Digital WDR	True WDR	Digital WDR	True WDR	Digital WDR	True WDR	Digital WDR
<b>Day/Night Performance</b>	Digital D/N	Digital D/N	Digital D/N	True D/N	True D/N	Digital D/N	Digital D/N	True D/N
<b>DC Auto Iris</b>	F1.2- F360C	F1.3 - F360C						
<b>Scanning System</b>	2:1 Interlace							
<b>Image Sensor</b>	1/3" - type Interline transfer color CCD							
<b>Effective Pixels</b>	976 (H) x 494 (V)							
<b>Camera Resolution</b>	700 TVL (for both Color & BW)							
<b>Horiz. Angle of View</b>	114.8°-56.1°	98.2° - 23.8°				51.8° - 5.6°		33.5°-7.1°
<b>Min. Illum @ F1.3</b>	<b>Normal</b>	0.27 lux Color 0.027 lux B/W	0.3 lux Color / 0.03 lux B/W		0.08 lux Color / 0.008 lux B/W		0.3 lux Color / 0.03 lux B/W	0.08 lux Color / 0.008 lux B/W
	<b>50 IRE, SENS UP</b>	0.000053 lux B/W	0.00006 lux B/W		0.000016 lux B/W		0.00006 lux B/W	0.000016 lux B/W
<b>S/N Ratio</b>	More than 50dB (at minimum AGC gain)							
<b>Electronic Shutter</b>	Electronic shutter ON: 1/60 s. to 1/100,000 s. * shutter speed ranging from 1/1,000 s to 1/5,000 s, 1/60 sec. fixed (Flickerless: OFF), 1/100 sec. fixed (Flickerless: ON)							
<b>Gamma Correction</b>	0.45							
<b>Sync. System</b>	Internal synchronization (INT.) / Line Lock (L.L.) : For 60Hz regions only							
<b>Wide Dynamic Range</b>	-	-	Max 82dB, 12,600x	-	Max 82dB, 12,600x	-	Max 82dB, 12,600x	-

Some models also available with manual iris or black. Contact customer service for details.

OSD Functions	
<b>Backlight Compensation (BLC)</b>	ON / OFF
<b>White Balance</b>	ATW (Normal / Wide) / AWB / Manual
<b>Sens Up</b>	ON: Auto (x2 to x512) / OFF
<b>2D/ 3D Digital Noise Reduction</b>	(2D/3D-DNR) Extreme / High / Middle / Low
<b>Electronic Zoom</b>	ON (16 times max.) / OFF
<b>Defog Image Correction</b>	Image correction ON / OFF
<b>Profile Settings</b>	Basic / Enhanced / Casino / Sodium vapor lamp
<b>Image Correction/Adjustments</b>	AGC, Auto Light Control, Highlight Cut
<b>Easy Focus</b>	Enabled with indicator
<b>Privacy Mask</b>	ON (16 spots max., 10 colors, mosaic) / OFF
<b>Motion Detection</b>	Detects all areas. 6 (horizontal) x 4 (vertical), 24 pixels in total (minimum block), sensitivity (1-10)
<b>Image Stabilizer</b>	ON / OFF
<b>Monitor output mode</b>	CRT / LCD
<b>Test Pattern</b>	Color Bar, Grayscale, Center Cross, Crosshatch
<b>Flip / Rotate</b>	OFF / V-Flip / H-Flip / Rotate

Physical / Additional	
<b>Power Source / Consumption</b>	24V AC ±10% (50/60 Hz ±1 Hz) or 12VDC ± 10% / <b>Consumption</b> 12VDC 230mA / 24VAC 240mA, 3.0W
<b>Operating Temperature / Humidity</b>	14° F~122° F (-10° C~ 50° C) / 85% RH (non-condensing)
<b>Storage Temperature / Humidity</b>	-4° F ~140° F (-20° C ~ 60° C) / 95% RH (non-condensing)
<b>Dimensions</b>	5.7"Ø x 4.3"H / 144 mm Ø x 110mm H
<b>Weight</b>	Approx. 1.3lbs (570g)
<b>Gang Box Mounting</b>	Octagonal
<b>Certifications</b>	CE, FCC, WEEE
<b>Additional</b>	Cable for service monitor, adapter ring, self-tapping screws (M4 x 20: 2 pcs.), Template, OSD operation & instruction manual included

Model ZC-OH5	Optional Outdoor Housing Specifications		
<b>Housing Material</b>	IP66 rated cast aluminum with off white powder coat finish. All stainless steel hardware.		
<b>Dome Material</b>	Impact-resistant clear polycarbonate dome with black interior liner (tinted option available)		
<b>Temp. Range w/o Heater</b>	-20° F to 122° F w/o heater (using ZC-D5000NXA domes, based on proper installation & maintenance procedures)		
<b>Temp. Range with Heater</b>	-40° F to 122° F w/ heater (using ZC-D5000NXA domes, based on proper installation & maintenance procedures)		
<b>Physical</b>	<b>Dimensions</b> - 6.7"Ø x 5"H (170 Ø x 127mm H)	<b>Weight</b> - 2lb. 5oz. / 908g	<b>Mounting</b> - Double Gang Box

All specifications are subject to change without notice

