



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
- UL Listed

Scan Me!



CBC (AMERICA) Corp.

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.



Before



with **GX5**

700 TVL

Ultra High Resolution Reproduces Clear and Detailed Images.



Before



with **GX5**

FBC

Fine Black Correction Enhances Details of Subjects in Dark Areas.



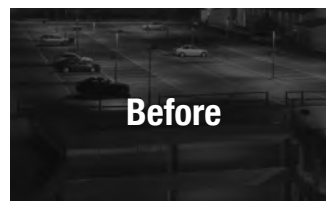
Before



with **GX5**

Super Low Light

Extremely High Sensitivity for Optimal Low Light Performance.



Before



with **GX5**

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-WM2A**

Accessories

ZC5PM1	Indoor Pendant Mount - Mounts to dome base (uses 1" NPT pipe)
ZC7-PM1	Indoor Pendant Mount - Mounts to dome base (uses 3/4" NPT pipe)
ZC5-WM1	Indoor Wall Mount - Pendant mount & wall bracket (uses 1" NPT pipe)
ZC7-WM1	Indoor Wall Mount - Pendant mount & wall bracket (uses 3/4" NPT pipe)
ZCA-DCS50	Tinted Dome Cover - Conceals lens for discrete applications
ZC-OH5	Outdoor Housing - IP66 Rated, Impact-resistant
ZC5-PM2	Outdoor Pendant Mount - Mounts to ZC-OH5 (uses 1" NPT pipe)
ZC5-WM2A	Outdoor Wall Mount - Mounts to ZC-OH5 outdoor housing
ZC5X-HTR	Heater - 24 VAC for ZC-OH5 outdoor housing
ZCD5-NVT	NVT Module

**Heater
ZC5X-HTR**



**NVT Module
ZCD5-NVT**



Models	ZC-D5025NXA	ZC-D5212NXA	ZC-DW5212NXA	ZC-DN5212NXA	ZC-DWN5212NXA	ZC-D5550NXA	ZC-DW5550NXA	ZC-DN5840NXA
Focal Length	2.3-5mm	2.8-12mm			5-50mm			8.5-40mm
WDR Performance	Digital WDR	Digital WDR	True WDR	Digital WDR	True WDR	Digital WDR	True WDR	Digital WDR
Day/Night Performance	Digital D/N	Digital D/N	Digital D/N	True D/N	True D/N	Digital D/N	Digital D/N	True D/N
DC Auto Iris	F1.2- F360C	F1.3 - F360C						
Scanning System	2:1 Interlace							
Image Sensor	1/3" - type Interline transfer color CCD							
Effective Pixels	976 (H) x 494 (V)							
Camera Resolution	700 TVL (for both Color & BW)							
Horiz. Angle of View	114.8°-56.1°	98.2° - 23.8°			51.8° - 5.6°			33.5°-7.1°
Min. Illum @ F1.3	Normal	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
	50 IRE, SENS UP	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
S/N Ratio	More than 50dB (at minimum AGC gain)							
Electronic Shutter	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)							
Gamma Correction	0.45							
Sync. System	Internal synchronization (INT.) / Line Lock (L.L.) : For 60Hz regions only							
Wide Dynamic Range	-	-	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	
Backlight Compensation (BLC)	ON / OFF
White Balance	ATW (Normal / Wide) / AWB / Manual
Sens Up	ON: Auto (x2 to x512) / OFF
2D/ 3D Digital Noise Reduction	(2D/3D-DNR) Extreme / High / Middle / Low
Electronic Zoom	ON (16 times max.) / OFF
Defog Image Correction	Image correction ON / OFF
Profile Settings	Basic / Enhanced / Casino / Sodium vapor lamp
Image Correction/Adjustments	AGC, Auto Light Control, Highlight Cut
Easy Focus	Enabled with indicator
Privacy Mask	ON (16 spots max., 10 colors, mosaic) / OFF
Motion Detection	Detects all areas. 6 (horizontal) x 4 (vertical), 24 pixels in total (minimum block), sensitivity (1-10)
Image Stabilizer	ON / OFF
Monitor output mode	CRT / LCD
Test Pattern	Color Bar, Grayscale, Center Cross, Crosshatch
Flip / Rotate	OFF / V-Flip / H-Flip / Rotate

Physical / Additional	
Power Source / Consumption	24V AC ±10% (50/60 Hz ±1 Hz) or 12VDC ± 10% / Consumption 12VDC 230mA / 24VAC 240mA, 3.0W
Operating Temperature / Humidity	14° F~122° F (-10° C~ 50° C) / 85% RH (non-condensing)
Storage Temperature / Humidity	-4° F ~140° F (-20° C ~ 60° C) / 95% RH (non-condensing)
Dimensions	5.7"Ø x 4.3"H / 144 mm Ø x 110mm H
Weight	Approx. 1.3lbs (570g)
Gang Box Mounting	Octagonal
Certifications	CE, FCC, WEEE, UL
Additional	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		
Housing Material	IP66 rated cast aluminum with off white powder coat finish. All stainless steel hardware.		
Dome Material	Impact-resistant clear polycarbonate dome with black interior liner (tinted option available)		
Temp. Range w/o Heater	-20° F to 122° F w/o heater (using ZC-D5000NXA domes, based on proper installation & maintenance procedures)		
Temp. Range with Heater	-40° F to 122° F w/ heater (using ZC-D5000NXA domes, based on proper installation & maintenance procedures)		
Physical	Dimensions - 6.7"Ø x 5"H (170 Ø x 127mm H)	Weight - 2lb. 5oz. / 908g	Mounting - Double Gang Box

All specifications are subject to change without notice

