



ZC-D8000 SERIES

SUPER HIGH RESOLUTION WDR DOMES



Powered by
PIXIM
SEAWOLF

- 690 and 600 TVL models
- 1/3" PIXIM High sensitivity digital sensor (True WDR models)
- 3.3-12mm **Computar**® integrated varifocal lens
- Digital or True Wide Dynamic Range
- Backlight / Highlight compensation
- Multi-function switch for OSD control
- IR models feature 30 LEDs for over 100' illumination range and manual wide angle pan/tilt rotation mechanism
- Gang box mountable
- IP67 rating for all weather conditions (outdoor models)



CBC (AMERICA) Corp.

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DOME FEATURES

Indoor and outdoor versions of the 8000 Series domes are available in 690 TVL True WDR with a 3.3-12mm **Computar**® lens or 600 TVL Digital WDR with a 3.3-12mm **Computar**® lens. The series also includes outdoor IR versions with 600 TVL or 690 TVL resolution and a 3.3-12mm **Computar**® lens. These high performance domes offer multiple mounting options as well as full-featured performance at an economical price.

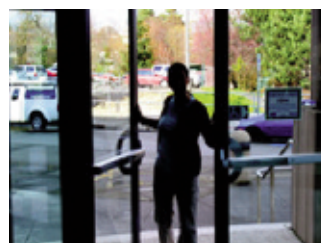
The True WDR models feature Pixim's Seawolf high sensitivity digital sensor which enables rapid development of next generation, high performance, cost-optimized CCTV cameras. Pixim's Digital Pixel System technology represents a fundamental breakthrough in imaging technology. This image capture and processing system provides high-quality pictures with enhanced dynamic range that significantly improves image quality in scenes consisting of both bright and dark areas.



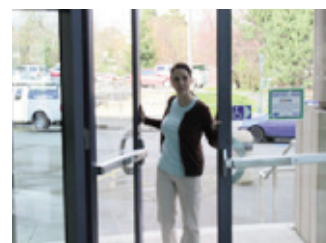
With CCD



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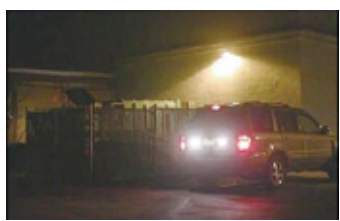
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Pixim's Digital Pixel System® technology delivers high-resolution, crystal clear images that accurately capture every aspect of any scene. The camera's ultra-wide dynamic range imaging displays all of the critical details in a scene including highlights, shadows and everything between without compromising image quality or color accuracy. This enhanced low-light performance makes Seawolf the natural choice for both indoor and outdoor cameras for all lighting conditions, day and night.

GANZ

MOUNTING OPTIONS

Indoor



Surface Mount
Standard



Flush Mount
ZC-FM3



Pendant Mount
ZC7-PM1



Wall Mount
ZC7-WM1

Outdoor/Impact-Resistant



Surface Mount
Standard



Flush Mount
ZC8-FM2



Pendant Mount
ZC8-PM2



Wall Mount
ZC8-WM2

Models

ZC-FM3	Indoor Flush Mount Kit - Embedded into ceiling or wall
ZC7-PM1	Indoor Pendant Mount - Mounts to dome base (uses 3/4" NPT pipe)
ZC7-WM1	Indoor Wall Mount - ZC7-PM1 pendant mount & wall bracket (uses 3/4" NPT pipe)
ZCA-SD8	Tinted Dome Cover - Conceals lens for discrete applications (indoor only)
ZC8-FM2	Outdoor Flush Mount Kit - Embedded into ceiling or wall
ZC8-PM2	Outdoor Pendant Mount - Mounts to outdoor domes (uses 3/4" NPT pipe)
ZC8-WM2	Outdoor Wall Mount - Includes ZC8-PM2 pendant mount & wall bracket

SPECIFICATIONS

Model	ZC-D8312NBA	ZC-DT8312NBA	ZC-DW8312NBA	ZC-DN8312NBA	ZC-DWNT8312NBA	ZC-DWNT8312NBA-IR	ZC-DNT8312NBA-IR
Indoor / Outdoor	Indoor 3.3-12mm	Outdoor 3.3-12mm	Indoor 3.3-12mm		Outdoor 3.3-12mm	Outdoor 3.3-12mm IR	
WDR Performance	Digital WDR	Digital WDR	PIXIM True WDR	Digital WDR	PIXIM True WDR		Digital WDR
Day / Night Performance	Digital Day / Night			True Day / Night			
Image Sensor	1/3" Sony HAD II CCD		1/3" PIXIM DPS Sensor	1/3" Sony HAD II CCD	1/3" PIXIM DPS Sensor		1/3" Sony HAD II CCD
Effective Pixels	768 (H) x 494 (V)		758 (H) x 540 (V)	768 (H) x 494 (V)	758 (H) x 540 (V)		768 (H) x 494 (V)
Horizontal Resolution	600 TVL		690 TVL	600 TVL	690 TVL		600 TVL
Minimum Illumination	0.4 lux / F1.4 (50 IRE)			0.4 lux / F1.4 (50 IRE)		0 lux (IR LED ON)	
TV System	NTSC						
Scanning System	2:1 Interlace						
Scanning Frequency	15.734kHz (H) / 59.94Hz (V)						
Video Output	1.0V p-p / 75Ω						
S/N Ratio	More than 50dB (at minimum AGC gain)						
Gamma Correction	0.45						
Sync System	Internal only						
IR Illumination	-	-	-	-	-	30 IR LEDs	
Lens	3.3-12mm / F1.4 Auto-iris						
Max Aperture Ratio	1: 1.4						
Angle of View	89.8° ~ 23.9° Horizontal						
Electronic Shutter	1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)		1/30, 720 sec	1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)	1/30, 720 sec		1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)
BLC (Backlight Compensation)	On / Off / HLC (Highlight compensation)		On / Off	On / Off / HLC	On / Off		
White Balance	ATW1, ATW2, AWC, Manual (selectable)		ATW1, ATW2, AWB, Manual (selectable)	ATW1, ATW2, AWC, Manual (selectable)	ATW, AWB	ATW1, ATW2, AWC, Manual (selectable)	
Power Supply	24V AC ± 10% 60Hz ± 1Hz / 12V DC ± 10%						
Power Consumption	2.5W (24VAC) / 1.8W (12VDC)		2.9W (24VAC) / 2.6W (12VDC)	2.5W (24VAC) / 1.8W (12VDC)	2.9W (24VAC) / 2.6W (12VDC)		6.1W (24VAC) / 5.8W (12VDC)
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)	-4° F ~ 122° F (-20° C ~ 50° C)	14° F ~ 122° F (-10° C ~ 50° C)		-4° F ~ 122° F (-20° C ~ 50° C)		
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)						
Ambient Humidity	85% RH (Operation) / 95% RH (Storage)						
IP Rating	-	IP67	-		IP67		
External Dimensions	4.7" (Ø) x 4.3" (H) 122mm (Ø) x 108.3mm (H)	5.8" (Ø) x 5.0" (H) 148mm (Ø) x 128mm (H)	4.7" (Ø) x 4.3" (H) 122mm (Ø) x 108.3mm (H)		5.8" (Ø) x 5.0" (H) 148mm (Ø) x 128mm (H)		
Weight	0.6 lbs. / 280g	2.2 lbs. / 1000g	0.6 lbs. / 280g		2.2 lbs. / 1000g		
Switch	Multi-function switch for OSD control						
Gang Box Mounting	Octagonal	Octagonal (Surface & Flush), 4S (Surface)	Octagonal		Octagonal (Surface & Flush), 4S (Surface)		
Accessories	Self-tapping screw (3), Template, Instruction Manual, Additional Power Connector, Service Monitor Cable, Allen key (outdoor)						
Certifications	CE, FCC, WEEE, (meets UL standards)						

All specifications are subject to change without notice

