Powered by
PIXIM®
SEAWOLF

- 690, 600, or 540 TVL models

- 1/3" PIXIM High sensitivity digital sensor (True WDR models)

- 3-9mm or 3.3-12mm **Computar**® integrated varifocal lens

- Digital or True Wide Dynamic Range

- Backlight / Highlight compensation

- Multi-function switch for OSD control (N/A on IR model)

- IR model features 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)

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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 3-9mm **Computar**® lens. The series also includes an outdoor IR dome with 540 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.
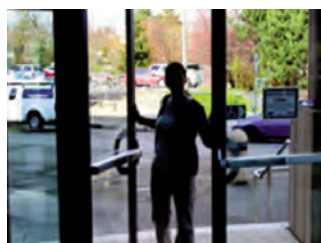
The True WDR models feature Pixim's Seawolf high sensitivity digital sensor which enables rapid development of next generation, high performance, cost-optimized CCTV cameras. Pixim's Digital Pixel System technology represents a fundamental breakthrough in imaging technology. This image capture and processing system provides high-quality pictures with enhanced dynamic range that significantly improves image quality in scenes consisting of both bright and dark areas.
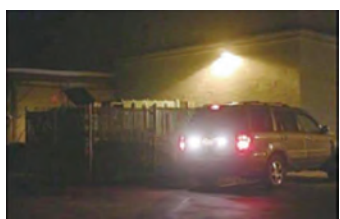

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Pixim's Digital Pixel System® technology delivers high-resolution, crystal clear images that accurately capture every aspect of any scene. The camera's ultra-wide dynamic range imaging displays all of the critical details in a scene including highlights, 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-D8039NBA	ZC-DT8039NBA	ZC-DW8312NBA	ZC-DWNT8312NBA	ZC-DNT8312NHA-IR
Indoor / Outdoor	Indoor 3-9mm	Outdoor 3-9mm	Indoor 3.3-12mm	Outdoor 3.3-12mm	Outdoor 3.3-12mm IR
WDR Performance	Digital WDR		PIXIM SEAWOLF (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
Effective Pixels	768 (H) x 494 (V)		758 (H) x 540 (V)		768 (H) x 494 (V)
Horizontal Resolution	600 TVL		690 TVL		540 TVL
Minimum Illumination	0.4 lux / F1.2 (50 IRE)		0.4 lux / F1.4 (50 IRE)	0.04 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	3-9mm / F1.2 Auto-iris		3.3-12mm / F1.4 Auto-iris		
Max Aperture Ratio	1: 1.2		1: 1.4		
Angle of View	90° ~ 31.8° Horizontal		89.8° ~ 23.9° Horizontal		
Electronic Shutter	1/60 sec, FLK, 1/60 ~ 1/100,000 (selectable)		1/30, 720 sec		1/60 sec, 1/100 sec
BLC (Backlight Compensation)	On / Off / HLC (Highlight compensation)		On / Off		
White Balance	ATW1, ATW2, AWC, Manual (selectable)		ATW1, ATW2, AWB, Manual (selectable)		ATW
Power Supply	24V AC ± 10% 60Hz ± 1Hz / 12V DC ± 10%				
Power Consumption	2.5W (24VAC) 1.8W (12VDC)		2.9W (24VAC) 2.6W (12VDC)		5.5W (24VAC) 6.2W (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				

All specifications are subject to change without notice