

Preliminary Specification Sheet: Indoor Mighty Series Dome Camera

700 TVL Pixim-Powered
Indoor
WDR Dome Cameras



Lighting conditions play a critical role in producing useable video images in a surveillance system. The Pixim-Powered WDR Dome Camera was created to meet and solve the challenges brought on by varying lighting conditions within a single capture area.

By use of the PIXIM Seawolf Wide Dynamic Range DSP we are able to control and display clear crisp images in varied lighting conditions more accurately than ever before. Its improved resolution of 700TV Lines is unequaled by any other WDR Surveillance camera. Advanced on screen display and True ICR Day/Night function are among the many other features which place this camera at the best in its class.

FEATURES

- Pixim D8800C Seawolf Digital Imaging System CMOS
- 700 TVL High Resolution
- WDR - Wide Dynamic range
- 3DNR - Three Dimensional Motion Adaptive Noise Reduction
- Secondary Video Output (Cable Included)
- OSD (On Screen Display) for Camera Function Setup
- Flush or Surface mount
- Infinity Ball Mount for Any Viewing Angle
- UTP Interface Option Available
- UTC CONTROL - Serial Control over Coax
- 1" Conduit Knockout
- Available in Ivory or Black color
- Dual Voltage 12VDC & 24VAC

Example of WDR



Conventional Camera

VTD-MP2910WDR

DIGITAL
PIXEL
SYSTEM
FROM PIXIM

WDR
Wide Dynamic Range



Available Lenses Include:

VTD-MP2810WDR: 2.8~10mm ICR D/N Lens

VTD-MP922WDR: 9~22mm ICR D/N Lens

VTD-MP1850WDR: 18~50mm ICR D/N Lens

-Special Order



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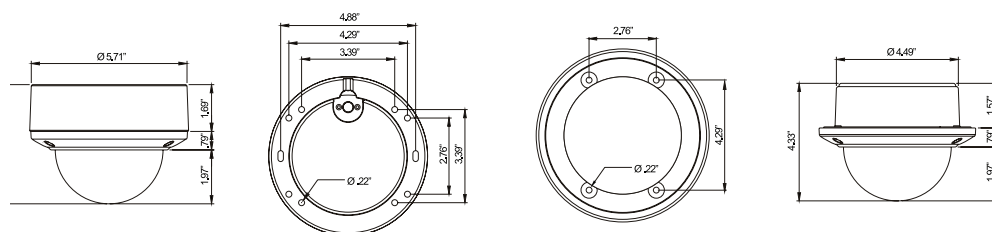
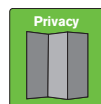
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Detailed Specifications	NTSC	PAL
Image Device	Pixim D8800C Seawolf Digital Imaging System CMOS	
Effective Pixels	758(H) x 540(V)	
Scan Frequency	59.94HZ(V), 15.734K HZ(H)	50HZ(V), 15.625KHZ(H)
Synchronization	Internal / Line Lock (phase adjust)	
H. Resolution	700TVL	
Sensitivity	0.00008Lux at F1.2@40IRE, 32x (DSS+ICR mode)	
S/N Ratio	More than 52dB with AGC OFF at 50IRE	
White Balance	2,000 ~ 11,000°K Automatic tracking / AWB / MANUAL	
WDR Mode	[Low / Middle / High / Custom (User adjustment)]	
Motion Detection	On / Off (4 Programmable Zone)	
Digital Zoom	Up to X12 Digital Zoom	
FLIP	OFF / H-FLIP / V-FLIP / H/V-FLIP	
Privacy Zone	On / Off (6 Programmable Zone)	
Auto Iris Control	DC Drive Iris Control	
SLOW SHUTTER	2 ~ 32X	
Day & Night	Infrared Cut-Filter Removable built-in	
Lens Options	F1.2 2.8~10mm DC Auto Iris IR Corrected ICR / F1.8 9~22mm DC Auto Iris IR Corrected ICR / F1.5 18~50mm DC Auto Iris IR Corrected ICR	
Video Output	VBS 1 Vpp +/- 10%, 75ohm	
Operating Power	12VDC / 24VAC 3 Watts / 220 mAmp	
Operating Condition	-4°F ~ 122°F / -20°C ~ 50°C, 85% RH. Max. Non-condensing	
Dimensions (H x Dia.)	4.45" x 5.71" (113mm x 145mm)	
Weight (Camera)	1lb / .46Kg	
Weight (Carton)	1.6lb / .72Kg	

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Wide Dynamic Range



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