



 **Power Pix**

# DWC-B6361WTIR

The NEW Power Pix Cameras are CMOS cameras with ultra strong Wide Dynamic Range Capabilities, allowing the camera to capture crystal clear images in very harsh lighting environments without losing details or color.

- 690 Horizontal TV Lines
- 2.8 12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync, TDN
- WDR (Wide Dynamic Range)
- IP66 Certified (Weather Resistant)



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[www.digital-watchdog.com](http://www.digital-watchdog.com)

[sales@dwcc.tv](mailto:sales@dwcc.tv)

## ▮ DNR (DIGITAL NOISE REDUCTION)

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Provides clearer images using a unique algorithm designed to reduce electronic noise while preserving the image's clear details in low light video.

## ▮ SMEAR CANCELLATION

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Smear Cancellation adjusts the camera's exposure to the bright light to make sure all the details in the view are clear and visible.

## ▮ Powerful WDR for Over-exposure

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Power Pix cameras correct overexposure in outdoor scenes to capture all the details in the bright areas of the Field of View.

## ▮ Power WDR for Under-exposure

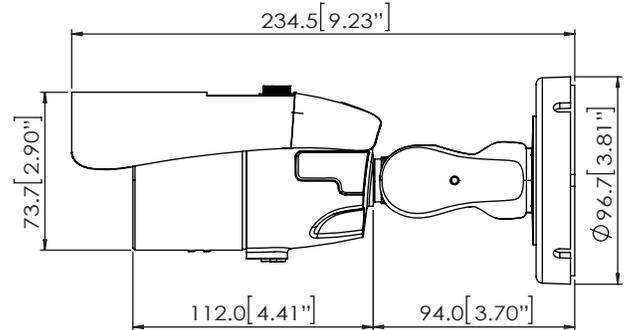
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Power Pix cameras correct underexposure in indoor scenes to capture all the details in the dark areas of the Field of View.



## Dimensions (unit : mm)



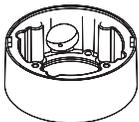
## Summary

Our WDR CMOS Series is our new ultimate Wide Dynamic Range camera line equipped with a powerful CMOS sensor chip, offering the most powerful Wide Dynamic Range feature in the market. The cameras are perfect for any project where cameras face harsh lighting conditions, with very dark and very bright areas in the same field of view. By capturing the dark and bright areas separately and then interlacing the image, you are able to utilize one camera to view all the details in complex Fields of View.

## Features

- 1/3" 760H CMOS Sensor Chip (760 Horizontal Pixels)
- 690 TV Lines
- 2.8~12mm Varifocal Auto Iris Lens
- 100ft Range IR with Intelligent Camera Sync
- TDN (True Day & Night) with IR Cut Filter
- WDR (Wide Dynamic Range)
- 2D DNR (2D Digital Noise Reduction)
- Smear Cancellation
- AGC / AWB
- Easy Icon Driven OSD Menu with Built-in Joystick
- IP66 Certified (Weatherproof)
- No Fog or Condensation under Any Weather Condition
- Auto Sensing 24VAC/12VDC

## Accessories (Optional)



DWC-BLJUNC  
Junction Box for B1, B2, & B6 Housing

## Specifications

VIDEO	
Image Sensor	760H CMOS
Total Pixels	756(H) X 504(V)
Scanning System	2 : 1 Interlace
Frequency	15.734KHz (H), 59.95Hz (V)
Synchronization	Internal
Horizontal Resolution	690TV Lines
Minimum Illumination	F1.2 (30IRE): 0.0 Lux
S/N Ratio	58dB (AGC off)
Video Output	CVBS: 1.0Vp-p / 75 Ω
LENS	
Focal Length	2.8~12 mm
Lens Type	Varifocal Auto Iris Lens
IR Distance	100ft Range IR
OPERATIONAL	
Shutter Speed	1/60~1/66,000, AUTO
Brightness	1~10
WDR	Low / Middle / High
Auto Gain Control	Low / Middle / High
DNR	Level 1 ~ 3
White Balance	ATW/ OUTDOOR/ INDOOR
Day and Night	AUTO/ COLOR/ EXT
Mirror	NONE/ H/ V/ H,V
Contrast	1~10
Sharpness	1 ~ 10
White Level	1~10
ENVIRONMENTAL	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
IP Rating	IP66 (Protects against dust and high pressure water.)
ELECTRICAL	
Power Requirement	Dual (DC12V & 24VAC)
Power Consumption	DC12V: 1.8W, 150mA, LED On: 3.2W, 266mA AC24V: 1.8W, 75mA, LED On: 3.2W, 133mA
MECHANICAL	
Housing Material	Aluminum
Dimensions	234.5 x 82.2 mm (9.23 X 3.23 in)
Weight	1.65 lbs

\*Specification is subject to change without prior notice.