

DW HD-SDI

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WATCHDOG  
Everything's Digital

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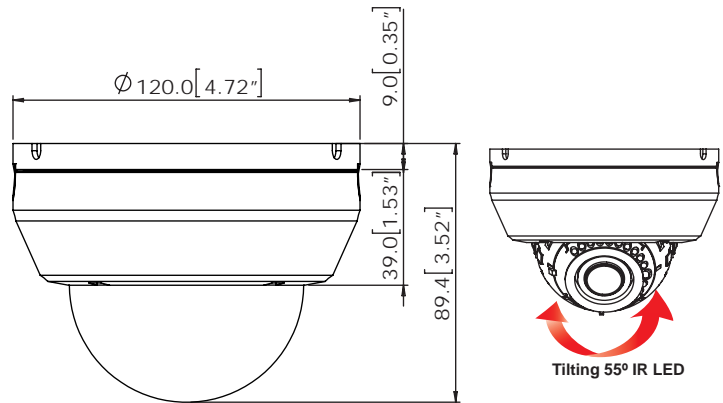
## Main Features

- 1/2.8" CMOS Sensor
- 2.1 Megapixels (1920X1080)
- 4.0 mm Fixed Lens
- TDN (True Day and Night/IR Cut Filter)
- WDR (Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)
- 50ft Range Intelligent Smart IR

**HD321TIR**  
High Definition 2.1 Megapixel Camera



## Dimensions (unit : mm)



## Summary

The HD321TIR is a 2.1 megapixel indoor dome camera with HD-SDI 1080P output. SDI technology serializes the video signal and transmits it uncompressed, eliminating distance and deformation issues that may affect the camera's image quality, making the image quality a true High Definition. The camera outputs the clearest high definition images with features like 3D Digital Noise Reduction and Wide Dynamic Range. DW's HD-SDI cameras allow you to enhance your security system to full HD 1080P resolution while still using existing coax installation. DW's HD-SDI line offers a reliable high quality yet affordable camera in just a few minutes.

## Features

- 1/2.8" CMOS Sensor
- Highest Resolution 2.1 Megapixels (HD-SDI)
- 4.0mm Fixed Lens
- 12x Digital Zoom
- 50ft Range IR with Intelligent Camera Sync
- TDN (True Day and Night/IR Cut Filter)
- WDR (Wide Dynamic Range)
- 3D-DNR (3D Digital Noise Reduction)

## Specifications

VIDEO	
Image Sensor	1/2.8" CMOS Sensor
Total Pixels	2000 (H) x 1241 (V)
Synchronization	Internal
Resolution	2.1 Megapixels (1920 x 1080) at 30fps
Minimum Illumination	0.0 Lux (IR On)
S/N Ratio	50dB (AGC off)
Video Output	HD-SDI
LENS	
Focal Length	4.0mm
Lens Type	Fixed Lens
IR Distance	50ft Range IR
ENVIRONMENTAL	
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	Less than 90% (Non-Condensing)
ELECTRICAL	
Power Requirement	DC12V
Power Consumption	LED Off: 2.0W, 166.7mA / LED ON: 2.7W, 225mA
MECHANICAL	
Housing Material	Plastic
Dimensions	120 x 89.4 mm (4.72 X 3.52 in)
Weight	0.5 lbs

\*Specification is subject to change without prior notice.