

Overview

The WDR100 Series camera is a wide dynamic range (WDR), day/night camera. Its WDR technology provides up to 60 dB of dynamic range and produces superior images over a wide range of lighting conditions, including extreme backlight conditions. The camera also uses a removable infrared (IR) cut filter to switch between color and black-white (B-W) modes as environmental lighting conditions change. The WDR sensor is a innovative DSP, video sensor sampling the light of each pixel several times in exposure period, not only record total rays of each pixel, but also the change velocity, could achieve more wide dynamic range than CCD and CMOS, more obvious in variable light condition. Picture process system consecutive transforms each pixel from analog to digital, sending by parallel mode. Completely digital process could provide high rate S/N, high-resolution picture quality, without delay.

In addition, the WDR100 camera's environment enclosure provides water proofing and dust free for outdoor application.



Features

- Super High Quality Picture
- Water & Dust Proofing Enclosure
- Dynamic Range up to 120dB
- Automatic Day & Night
- CCD Imager Digital Signal Processing
- Auto White Balance with Automatic Gain Control
- OSD Program Setup

Applications

- Metro Transportation System Surveillance
- ITS Traffic Surveillance
- Homeland Security
- CCTV Network CAM
- Campus Monitoring
- Utility SCADA Network

Ordering Information

Model	Descriptions
WDR100	High Resolution Day & Night Digital Wide Dynamic Range, Water & Dust Proofing Outdoor Camera
*** Please Consult Factory for Additional Model Numbers***	

Specifications

Image System	PAL/NTSC
CCD	1/3" WDR Digital Picture Sensor
Effective Pixels (HxV)	720(H) x 540(V)
Resolution	504 TVL
Minimum Illumination	0.08 Lux @ F1.2 Slow Shutter
Auto White Balance	AWB
AES	1/50-1/1000,000sec (Pal), 1/60-1/100,000sec (NTSC)
Hue	2000K to 11,000K
Signal To Noise Ratio	>50 dB (AGC off)
Dynamic Range	120 DB Max
AGC	Adjustable
Gama	Adjustable
Day & Night	IR Filter
Auto Iris	DC/Video
Sync	Internal
Environment	
Operating	-20 ⁰ C to +70 ⁰ C
Storage	-20 ⁰ C to +75 ⁰ C
Humidity	90% None Condensing
Dust	Proofing
Water	Proofing - IP66
Physical	
Dimension	5.0" x 5.0" x 10.0"
Weight	2 lbs
Power	
Power Adapter	+12 VDC @ 2 Amp