Rainbow WIDE DYNAMIC DOME

Features

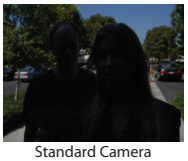
- 1/3" Pixim Wide Dynamic Digital Imager
- 540 lines, 0.6 lux (0.03 lux with DSS On)
- Wide dynamic range: captures highlight and shadow detail in the same scene.
- 3.3-12mm auto-iris vari-focal lens
- True Day/Night using moving filter technology
- On Screen Display (OSD), RS-485 input (Pelco D)
- 3-D camera bracket, installer video out
- For indoor use. Easy installation.
- Slim housing provides a 'flush mount' appearance
- 12VDC/24VAC operation
- 3-year warranty

WDR WIDE DYNAMIC RANGE DIGITAL COLOR CAMERA

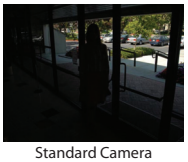
TDN TRUE DAY / NIGHT

DIGITAL PIXEL SYSTEM FROM PIXIM

Model	MDWVF3D	
Image Sensor	1/3" Pixim Digital Pixel System	
Horizontal Resolution	540 TV Lines Color / 560 TV Lines B/W	
Signal Processing	17-bit DSP	
Dynamic Range	102dB Typical - 120 dB Max.	
Video Capture / Transfer Format	Progressive Scan / PsF (Progressive with Segmented Frames)	
TV System	NTSC/PAL selectable	
Picture Elements (pixels)	720 (H) × 540 (V)	
Min. Illumination	0.6 lux at F1.4 (0.03 lux with DSS On)	
Signal to Noise Ratio	More than 50dB (AGC Off)	
Synchronizing System	Internal	
Video Output	1Vp-p 75ohm	
OSD Menu	**WDR:** Auto, Low, Middle, High **Gain Control:** Off, Low, Middle, High **AGC:** Off, Low, Middle, High **Privacy Masking:** Off, On (6 programmable zones) **OSD:** Remote controlled via RS-485	**White Balance:** ATW, ATW-Limit, AWC, Manual **Gamma Correction:** Auto, Manual **Digital Slow Shutter (DSS):** Off, 2X, 4X, 8X, 16X, 32X **Picture:** Normal, Mirror, Flip **Protocol:** Pelco D
Power Requirement	12VDC/24VAC ±10%	
Operating Current	300mA max. (use regulated power supply only for 12VDC)	
Operating Condition	+14 ~ 122°F (-10°C ~ +50°C)	
Measurements	ø7.1 × 3.2 inches (ø180mm × 81mm)	
Weight	14.1 oz. (400g)	


Standard Camera


Rainbow MDWVF3D


Standard Camera


Rainbow MDWVF3D

Unparalleled Image Quality Across All Lighting Conditions
Traditional CCD cameras can't "see" well when lighting conditions aren't optimal. These cameras experience a lack of details in high-contrast and backlit situations, low clarity in shadows, and image "washout" from glare or reflections.

Delivering Natural Color and the Highest Resolution
Not only do these cameras deliver the highest total resolution, they provide superior color rendering and the optimal exposure in all lighting conditions.

Eliminates Image-Compromising Noise
CCD cameras frequently experience pixel blooming, vertical smearing and camera blindness – often known as noise. Noise not only compromises image quality, but it gobbles up valuable recording space. Analog CCD cameras inherently add sampling and conversion noise that increases DVR storage needs by 2x-4x, depending on the scene.

Rainbow / International Space Optics • 200 McCormick Avenue, Costa Mesa CA 92626
Toll Free US & Canada 1-800-654-5367 • Int'l +1 949 260 1599 • www.rainbowcctv.com

Rainbow

1301-X0316