

PAIPER

ULTRAWIDE DYNAMIC CAMERA



- ▶ EXCELLENT IMAGE QUALITY
- ▶ PATENT DPS[®] DIGITAL PIXEL SYSTEM TECHNOLOGY
- ▶ ULTRA WIDE DYNAMIC RANGE: 95DB TYPICAL, 120DB MAXIMUM
- ▶ STRONG SOFTWARE FUNCTION
- ▶ VIDEO MOTION DETECTION
- ▶ ALARM INPUT/OUTPUT FUNCTION
- ▶ UNIQUE DIGITAL ZOOM FUNCTION
- ▶ MULTIPLE VIDEO OUTPUT INTERFACES
- ▶ REMOTE CONTROL FUNCTION
- ▶ OSD PROGRAMMABLE SETTING
- ▶ HIGH PERFORMANCE RATIO

Dynacam from Medianet adopt the innovative DPS wide dynamic image sensor and image processing technology with built-in wide dynamic sensor. DPS is an innovative video capture(sensor) and image processing mode, the video sensor samples each pixel multiple times in a single capture frame. DPS not only records the light, but also calculates the changing rate, so it provides a wider dynamic range for each pixel than CCD and CMOS, even when there is a large contrast between lightness and darkness. The processor translates the light into a digital at the immediate point of capture, thus minimizing signal degradation and allowing for greater noise reduction methods and an optimal image reproduction.

Characteristics

Adopted 1/3" DPS(Digital Pixel System)Wide Dynamic image sensor Provides a wider dynamic range than conventional WDR camera. The DPS sensor can quickly and precisely responds the lighting condition changes so as to achieve a high-quality, fully-exposed images.

DPS Technology With wide dynamic sensor and DPS chipset which can adjust the lightness of each pixel, the camera can capture sharp and crisp images not only in the foreground, but also in the light background. Thus while there is a large contrast between lightness and darkness, still can get clear images similar to the human's vision.

Resolution up to 480 TVL Horizontal resolution 480 TVL, vertical resolution 400 TVL, captures sharp and crisp images for recording.

Low light mode Auto-switch from color at daytime to B/W at night time(SN-587C).Normal mode:1.0Lux/F1.2,low light mode:0.08Lux/F1.2(Low Shutter)

Ultra Wide Dynamic Range Multi-sampling every pixel in a single capture frame. The imaging system determines the optimal time to sample and store the pixel information before the pixel is saturated and can no longer hold additional charge, realize the high speed wide dynamic function of camera.Dynamic Range:95dB Typical,120dB Maximum

Motion Detection Motion Detection Alarm,Detected area enlarge,Alarm,Outside alarm output.

Digital PTZ function 4 times digital zoom function,can move the picture up and down,left and right,the traditional CCD camera without the function.

Alarm input/output function Alarm input,preset zoom area,alarm character display,alarm output

RS232/485 remote control function Remote change parameter of the camera through RS232/485

Multiple Video output interfaces Except the standard video signal output,can also supply other video signal output,such as simulation:Y/Cb/Cr,R/G/B;digital signal output:ITU-656(Optional)

Specifications

Core Mount	CS-C Mount Ring	Image Sensor	1/3" DPS;Digital Pixel System
Resolution	1080lines	Storage System	Max. 321920 Channels
Video Output	4 Output:CVBS,NTSC, PAL,HD-SDI,RS485 (Digital signal output:ITU-656(Optional))	Effective Pixels	PAL:720Hx580V;NTSC:720Hx480V
Video Resolution	480	Resolution	Horizontal Resolution:480TVL Vertical Resolution:400TVL
Digital PTZ	Yes	Minimum Illumination	0.1Lux/F1.2;0.08Lux/F1.2(Low Shutter)
Alarm Input	Yes	SNR Ratio	More than 40dB
Alarm Output	Yes,100V/100mA(Optional)	Dynamic Range	95dB Typical,120dB Maximum
Remote Controller	RS232/485	Zoom Method	DSD Function Control
System Code	IRTC-xxxx	Video Interface	AVI,PA,TVR,AVI,RS485,TV-OUT,UBAN,UI,SDI,etc
Power Input	DC5V/1A Input	Wide Dynamic Range	95dB Typical,120dB
Weight	200g(Net)	ACD	Yes
Power Supply	DC5V/1A/2VDC	Display Function	Yes
Power Consumption	< 0.5W/line	System Code	IRTC-xxxx
Operating Temperature	-10°C ~ +70°C (R:0°C~55°C)		
Image Size	6.35mm x 6.35mm x 12.1mm		
Camera Mount	1/3" CS-C Mount Ring (Optional)		
Weight	200g		