

# INFOCARE

## SN-587C Super Wide Dynamic Color High Resolution Camera



### → Main Characteristics

- ☉ Excellent image quality
- ☉ Patent DPS®—Digital Pixel System Technology
- ☉ Super wide dynamic range:95dB Typical,120dB Maximum
- ☉ Strong software function
- ☉ Video Motion Detection and Alarm input/output function
- ☉ Unique digital zoom function
- ☉ Multiple Video output interfaces
- ☉ Remote control function
- ☉ OSD programmable setting
- ☉ High price-to-performance ratio
- ☉ AC24V/DC12V accepted

SN-586C and SN-587C 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.

### Contrast between WDR and Regular Camera



### 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)

#### Super 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)

**OSD Menu**

☉ Convenient OSD operation, multi-language platform, the following settings can be adjusted: Video format, Auto-iris lens, Automatic White Balance(AWB/indoor/outdoor), Automatic gain control, Wide dynamic range, Title, OSD mode, Brightness/Sharpness, Low light mode, B/W mode and mirror  
Elegant Appearance, applying in concealing place.

Easy installation and adjustment, built-in manual Pan/Tilt, 360° adjustable

Excellent picture quality, specially designed for super wide dynamic range, suitable for application in scenes with sharp lightness contrast while requiring high image quality. It is an ideal replacement of conventional camera. Recommended placed of application: Bank, Hotel, Marketplace, Office, Hospital, School, Post office, Government office, Accounting dept., Toll gate etc. Can install easily on the ceiling or wall, and responded to the decoration around.



Model	SN-587C
Image Sensor	1/3" DPS(Digital Pixel System)
Signal system	PAL or NTSC Color system
Effective Pixels	PAL:720(H)×540(V); NTSC: 720(H)×540(V)
Resolution	Horizontal Resolution:480 TVLines Vertical Resolution:400 TVLines
Minimum illumination	1.0Lux/F1.2; 0.08Lux/F1.2(Slow Shutter)
S/N Ratio	More than 48dB
Dynamic Range	95dB Typical,120dB maximum
Control Method	OSD Function Control
White Balance	AWB/ATW/ATW LIMT/ATW DESAT/MANUAL Selectable
Auto White Balance Range	2000K to 11,000K
AGC	Yes
Day/Night Function	Yes
Sync mode	INT/L.L.
Lens Mount	CS/C with Ring
Auto Iris	DC/Video
Video Output	1.0Vp-p,75 Ohm;Y/Cb/Cr;R/G/B; Digital signal output:ITU-656(optional)
Motion Detection	Yes
Digital PTZ	Yes
Alarm In/Out	Yes
Remote control	Yes,RS232/485 Optional
Gamma Correction	Adjustable
Sync mode	INT/L.L.
Lens Mount	CS/C with Ring
Auto Iris	DC/VIDEO
Power Supply	24VAC/12VDC
Power Consumption	4.5W(Max)
Operating Temperature	-10 °C ~+50 °C RH95%MAX
Dimension	62(W) × 60(H) × 121(D)mm
Camera Mount	Two 1/4" 20 UNC(bottom and top)
Weight	500g