



# VSENSE RV SERIES IP CAMERA

*RVC-58IP2030HSI, A smart solution*



*Redefining the utility experience of video security solution...*

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RVC-58IP2030HSI is latest model which adopts 1/2.9-inch back illuminate CMOS image sensor & full HD 1080P image sensor. It utilizes advanced video encoder, and web-server to offer 1080P, H.265/ H.264 and MJPEG dual coding features. This camera can deliver 1920x1080P@25fps video with true color reproduction. The camera supports 3D-noise reduction and Wide dynamic range (WDR) as well as BLC, WB, Exposure setting, Video adjustment, Image enhancement, Defogging features allow this camera to work in different light illumination environments. This advance camera supports also cloud storage. Excellent image quality, it can get perfect image in a variety of lighting conditions. It's suitable for Indoor/Outdoor environment where no light at night.



Resolution 2Mpx FULL HD 1080p with 20fps frame rate, maximum fluidity for the human eye. The 2.0Mpx resolution guarantees a very high level of detail, over three times higher than the best analog camera.



The removable IR filter or mechanical filter or IR-CUT, if you prefer, guarantees real colors in daytime vision and clearer black and white images when compared to a camera without this technology. This small photo filter, placed in front of the CMOS sensor, during daytime viewing is not present but when darkness falls, electronically it is repositioned and allows the CMOS sensor to see the light emitted by the IR illuminators.



The 3DNR function present only on mid-high-end camera, is essential to ensure clear images with little disturbance (dotted effect) especially in low light conditions with active IR illuminator. We see next to the left tangible difference with the 3DNR function deactivated and to the right the active 3DNR. The image is clearer and cleaner.



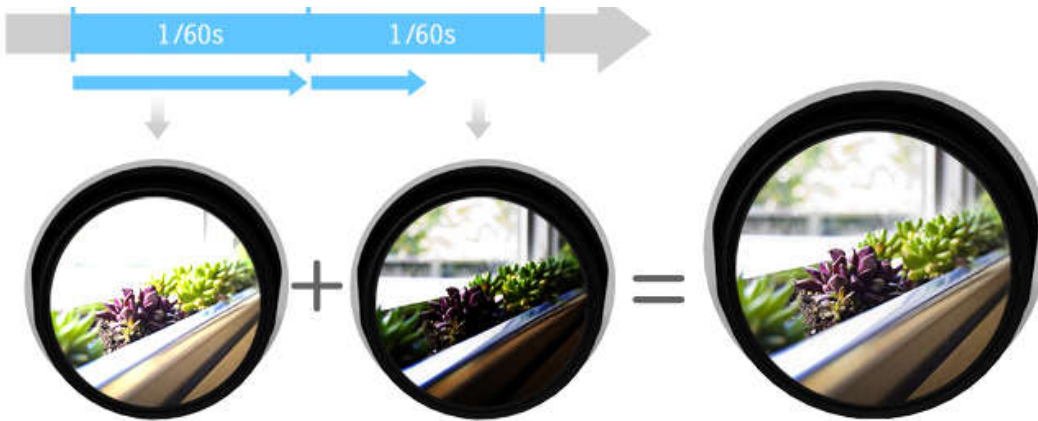
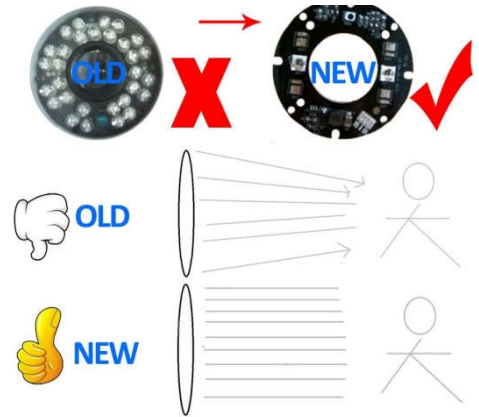
IP66 protection against dust and water - **-20C ° to + 60C °**



Black Film anti-glare black glass with invisible IR. The new invisible IR technology , called "Black Film", used by the most important manufacturers, presents a black glass in front of the IR unit of the camera, partially hiding it and making it more concealable, but also becomes much more efficient thanks to special anti-pollution

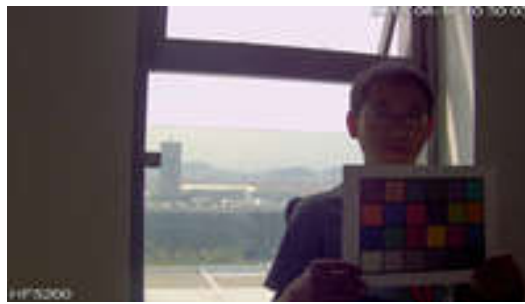


LED SMD ARRAY TECHNOLOGY: This camera is equipped with 2 MAXI LED ARRAY SMD with very high efficiency. IR range: 30 meters. Compared to traditional LEDs, they guarantee lower consumption, longer life, less heat and uniform lighting. Up to 20% less brightness dimming than traditional and 3 times more efficient LEDs.

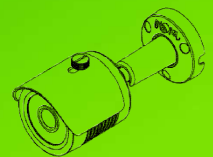
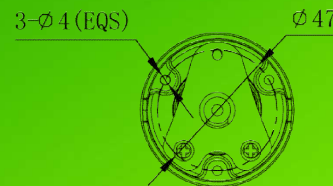
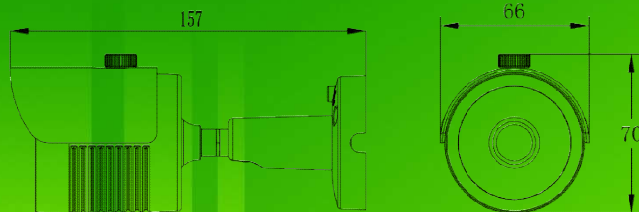


**Real-WDR function**

The WDR function allows you to compensate the brightness in areas with strong light-shadow contrast such as a camera installed under a porch or a photo taken in backlight as in the case of the image below.



RVC-58IP2030HSI, H..265+/H.265 new video coding standard brings promise of huge bandwidth & Storage savings of approximate 40-50% over H.264 encoded content with similar quality.



# Technical Specification



Image processor:	1/ 2.9" 2.0Megapixel Progressive scan CMOS
Resolution	1080P@ 20fps
Electronic Shutter Time	Auto: PAL 1/1-1/10000Sec; NTSC 1/1-1/10000Sec
Scanning System	Progressive
Effective Pixel	1920(H) X 1080(V)
IR lighting range:	30 meters - 42μ x 2PCS Smart IR
LENS Type	Board Lens 4mm
Viewing angle:	90Degree
Signal to noise ratio (S / N):	> 52 dB
Sensitivity:	0.001 Lux / F1.2
Video output:	Network RJ-45 (10/100Base-T)
Protocol	HTTP, HTTPS, TCP/IP, FTP, NTP, RTSP, UDP, RTCP, SMTP, DNS, DDNS
PoE	Support IEEE 802.3af
Video Compression format	H.265+/H.265/ H.264+/ H.264/ JPEG/ MJPEG/ AVI
Onvif	Support ONVIF 2.4
P2P & Smart view	YES, Support QR Code, iPhone, iPad, Android, Android Pad
IE Browser	IE8-11, Google Chrome, Firefox, Safari, MacSafari
Features:	<ul style="list-style-type: none"> <li>• ICR - Infrared mechanical filter</li> <li>• Sense-UP - (Slow Shutter) - Increased sensor sensitivity max. x 30</li> <li>• WDR – Wide Dynamic Range</li> <li>• 3DNR - Digital noise reduction in the image</li> <li>• F-DNR (Defog) - Noise reduction associated with precipitation</li> <li>• Motion detection - max. 3 zones</li> <li>• Privacy areas - max. 3</li> <li>• BLC - backlight compensation, WB (White balance), Image enhancement, Video adjustment, Exposure Setting, Flicker control</li> <li>• ROI- 3 ROI (Region of Interest) Region</li> <li>• Sharpness - sharper edges of the image</li> <li>• Defogging</li> </ul>
Degree of protection:	IP66
Cloud Storage	Google, Dropbox, optional
Case:	Metal
Color:	White
Operating temperature:	-20 ° C - 50 ° C
Weight:	600gm
Dimensions:	157 (W) x 70 (H) x 66 (D) mm
Supported languages:	English, Chinese, French, Spanish, Dutch, German, Polish, Portuguese, Russian, Turkish, Italian