



RLC- RS 1020

- High-speed 360° Endless Panning,
- Optical zoom 10x, Digital zoom 12x, Total zoom 120x,
- Clear and Bright SD Image,
- Maple Series.





■ “Exmor” CMOS Sensor

Exmor sensors give highest picture quality as well as the best sensitivity at both bright and dark locations.

They perform on-chip analog to digital signal conversion and two-step noise reduction in parallel on each column of the CMOS sensor. This can help to reduce the amount of "seen" pixels when you zoom in on a photo.

■ ONVIF

The Open Network Video Interface Forum (ONVIF) is a global and open industry forum which its goal is to facilitate the development and use of a global open standard for the interface of physical IP-based security products. RedLeaf is a member of ONVIF.

■ Analog Video Output

This old-fashioned analog video output helps the installer to quickly and easily apply the required first-run settings to the camera.

■ The Best Possible Image

It is always important to produce the best possible image considering the environmental conditions.

Our expertise is to process the input light by means of a high-quality lens, a sensitive image sensor and a powerful DSP processor to produce a crystal clear output image which is superior to any other solution currently available in the market.

■ Vivid Pictures in Darkness

A high percentage of unwanted events happen at night or in low-light conditions. This puts the priority of having a high performance security solution in low light conditions to a very high level. RedLeaf cameras have an unprecedented image quality independent of the lighting conditions, and provide a lucid image at very low lux levels.

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Camera	
Image device	1/4-type sony CCD
Number of effective pixels	768 (H) x 494 (V)
Minimum illumination	Color 0.2 lx, BW 0.005 lx
Electronic shutter speed	1/1 to 1/10,000 s
Gain control	Auto/Manual (-3 to 28 dB)
Exposure control	Full auto, Shutter priority, Iris priority, Manual
White balance mode	Auto, ATW, Indoor, Outdoor, Manual
Zoom ratio	Optical zoom 10x, Digital zoom 12x, Total zoom 120x
Horizontal viewing angle	55.4 to 2.9 degrees
Focal length	f=3.5 to 35 mm
F-number	F1.6 to F3.5
Minimum object distance	10mm (wide) to 600mm (tele)
Pan angle	360 degrees endless rotation
Pan speed	240 degrees/s (max)
Tilt angle	180 degrees(with e-flip)
Tilt speed	200 degrees/s (max)
Preset position	64 positions
Tour	5
Camera Features	
Day / Night	Yes (IR-cut Filter)
WDR+	Yes (90dB)
Noise reduction	Yes (SDNR)
Image	
Codec image size(HxV)	D1 (704x576) / CIF (352x288)
Video compression format	H.264, MPEG-4, MJPEG
Codec streaming capability	Dual streaming
Maximum frame rate	30 fps (H.264) / 30 fps (MPEG-4) / 30 fps (MJPEG)
Audio	
Audio compression	G.711/G.726
Network	
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client/server), SMTP, DHCP,DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)
ONVIF software	Yes (Ver. 2.0)
Number of clients	20
Authentication	IEEE802.1X
Interface	
Local recording	SD memory card x 1 (Compatible with the SD/SDHC standards) max 32GB
Analog video output	Yes 1*BNC (75 Ω)
Sensor input	2
Alarm out put	1
External microphone input	Mini-jack (monaural)
Audio line output	Mini-jack (monaural), Max ouput level: 1 Vrms
Ethernet	10BASE-T / 100BASE-TX (RJ-45)
General	
Weight	2.4 KG
Dimensions (øx H mm)	150 x 220 mm
Power requirements	AC 24V/3A(±10%)
Outdoor	No
Power consumption	12W
Operating temperature	-10°~ 50°C
Safety regulation	UL2044, FCC 15B Class A, IC Class A, IEC60950-1, EN55022(A)+EN55024+EN50130-4, VCCI Class A, C-Tick Class A
System Requirements	
Operating system	Windows XP™ - Professional Edition Windows Vista™ (32/64bit) - Ultimate, Business Edition Windows 7 (32/64bit) - Ultimate, Professional Edition Windows 8 (32/64bit) – Pro Edition
Processor	Intel Core2 Duo 2.33 GHz or higher
Memory	2 GB or moreMicrosoft Internet Explorer® Ver. 6.0 and higher
Web browser	Microsoft Internet Explorer® Ver. 6.0 and higher Google Chrome® Ver.4.0 and higher (Plug-in free viewer only) Firefox® Ver.3.5 and higher (Plug-in free viewer only) Safari® Ver.4.0 and higher (Plug-in free viewer only)

