RLC-BH 1435

- Excellent picture quality in Approx 1.4 Megapixel ,
- 1.3 Megapixel (1280 x 1024) maximum resolution ,
- Three codecs (H.264, MPEG-4, MJPEG) with dual streaming Capability ,
- ICR Day/Night function,
- Alder Series.

HD **O**NVIF

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.

Power over Ethernet (PoE)

With PoE a single cable to provide both data connection and electrical power to electronic devices. PoE allows for great reductions in installation costs as there is no need to install separate power cables for 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.

Analog Video Output

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

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.
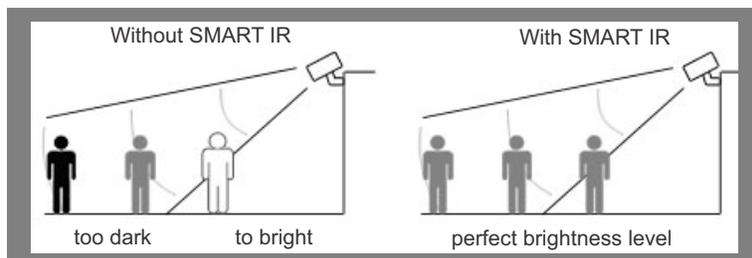
HD ONVIF

SMART IR

Our eyes are designed to detect visible light waves, although this is only a small portion of the electromagnetic spectrum. Infrared (IR) light is electromagnetic radiation with longer wavelengths than those of visible light, extending from the nominal red edge of the visible spectrum at 700 nanometers (nm) to 1 mm. Infrared radiation of an object is a measure of the heat which it emits in the space.

Almost every object emits some level of energy in form of IR radiation, even if it is small. In low light conditions a combination of hardware and software procedures allow RedLeaf cameras to capture the IR radiation projected by an object. This technology is called Smart IR and one of its unique characteristics is that it can vary the intensity of the IR illuminators depending on the distance of the object to the camera. This results in a clear image even in total darkness.

Smart IR OFF   Smart IR ON

The IR LEDs used in RedLeaf cameras provide a life time of roughly ten times more than that of the regular LEDs. Also, the low amount of heat which radiates from this kind of LEDs minimizes the damage resulting from the IR radiation to the inner camera parts. The LEDs of RedLeaf cameras can be replaced easily if any accidental damage happens, without the need to replace the whole kit.

Without SMART IR   With SMART IR

too dark   to bright   perfect brightness level

RLC-BH 1435

Camera	
Image device	1/3- type CMOS
Number of effective pixels	Approx 1.4 Megapixel
Minimum illumination	Color: 0.2 lx, B/W:0.05lx, 0 lx IR ON
Electronic shutter speed	1/1 to 1/10,000 s
Gain control	Auto/Manual
Focal length	3.3 ~ 12 mm
Powered zoom	Yes (easy zoom)
Powered focus	Yes (easy focus)
Exposure control	Full auto, Shutter priority, Iris priority, Manual
White balance mode	Auto, ATW, Indoor, Outdoor, One-push, manual, Sodium vapour lamp
F-number	F1.6 to F3.5
Camera features	
Day/Night	Yes (IR-cut Filter)
WDR+	Yes (90dB)
Noise reduction	Yes (SDNR)
Image	
Codec image size(HxV)	1.3M (1280x1024) / 1.2M (1280x960) / HD (1280x720)
	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)
Network	
Protocols	IPv4,IPv6,TGP,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 clinets	20
Authentication	IEEE802.1x
Interface	
Local recording	SD memory card x1(compatible with the SD/SDHC standards, max 32GB)
Ethernet	10BASE - T/ 100BASE-TX (RJ-45)
Sensor input	2
Alarm out put	1
Analog video output	Yes 1*BNC (75Ω)
General	
Weight	1.1 KG
Dimension(ØxHmm)	105 x 307 mm
Power requirements	PoE, DC12V, AC24V
Outdoor	Yes (IP66,IK10)
Operating temperature	-15°C~60°C
Safety regulation	UI2044, FCC 158 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	2GB or more
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)

REDLEAF
Stay Secured, Leave Assured