

### RLC-BM 8415

- Excellent picture quality in Approx 8 megapixel,
- 8 Megapixel (3264 x 2448 ) maximum resolution,
- Dual codecs (H.264, MJPEG) with dual streaming Capability,
- ICR Day/Night function,
- Maple Series.





#### ■ ONVIF

The Open Network Video Interface Forum (ONVIF) is a global and open industry forum with the goal to facilitate the development and use of a global open standard for the interface of physical IP-based security products. We are a member of ONVIF.POE (Power Over Ethernet) for simple installation: gPOE allows for great reductions in installation costs as there is no need to install separate power cables for the camera.

#### ■ Analog monitor output

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

#### ■ The best possible image

In every video security project it is important to make the best possible image considering the environmental conditions. It is our expertise to optimize input signals to have an unbelievable image quality on the screen. To make this dream come true we use CMOS technology which finally makes the Red Leaf video security IP camera superior to any other solutions in the market.

#### ■ High performance

at darkness A high percentage of unwanted and/or criminal events usually happen at night, this puts the priority of having a high performance security solution in low light conditions to a very high level. Red Leaf solutions have an unprecedented image quality independent of the lighting conditions, and we provide a lucid image at very low LUX levels, so you will have a secure day and a secure night.



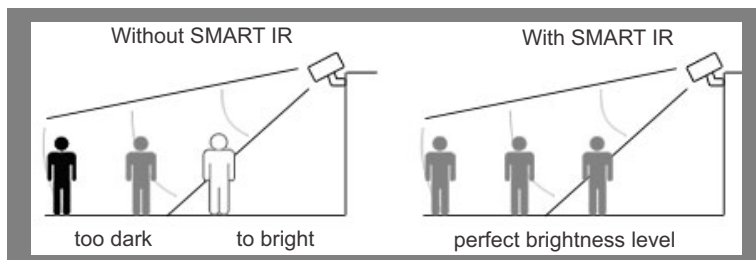
## SMART IR

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.



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.



## Technical Specifications

### RLC-BM 8415

#### Camera

Image device	4/3" 8megapixel CMOS
Number of effective pixels	Approx 8 Megapixel
Minimum illumination	Color: 0.1 lx, 0 lx IR ON
Electronic shutter speed	1/1 to 1/10,000 s
Gain control	Auto/Manual
Focal length	3.3 ~ 8 mm
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 (60dB)
Noise reduction	Yes (SDNR)

#### Image

Codec image size(HxV)	8M (3264x2448) / 5M (2560x1920) / 3M (2048x1536) / Full HD(1920x1080) 1.3M (1280x1024) / 1.2M (1280x960) / HD (1280x720)
Video compression format	H.264,MJPEG
Codec streaming capability	Dual streaming
Maximum frame rate	8 M (1-4 fps) / 5M (1-6 fps) / 3 M (1-15 fps) /1080P - 720P (1~25/30 fps)

#### Audio

Audio compression	G.711 / G.726
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#### 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 output	1
External microphone input	mini-jack (mono)
Audio line output	mini-jack (mono), max output level:1Vrms
Analog video output	Yes 1*BNC (75Ω)

#### General

Weight	1.2 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
Processor	Windows 8 (32/64bit) – Pro Edition
Memory	Intel Core2 Duo 2.33 GHz Or higher
Web browser	2GB or more 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)

## Dimensions

