



RLC- DF 2022

- Excellent picture quality in Approx. 3.2 Megapixel,
- 3 Megapixel (2048x1536) maximum resolution,
- Three codecs (H.264, MPEG-4, MJPEG) with dual streaming Capability,
- ICR Day/Night function,
- Maple Series.

FULL HD
1080





■ “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.

■ 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.

■ 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.

FULL HD
1080

 ONVIF

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Camera

| | |
|----------------------------|--|
| Image device | 1/3- type Exmor CMOS |
| Number of effective pixels | Approx 3.2 Megapixel |
| Minimum illumination | Color: 0.3 lx , B/W : 0.095 lx |
| Electronic shutter speed | 1/1 to 1/10,000 s |
| Gain control | Auto/Manual |
| Focal length | 3.3 ~ 12mm |
| 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

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|----------------------------|---|
| Codec image size(HxV) | 3M (2048x1536) / Full HD(1920x1080) /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) |

Audio

| | |
|-------------------|---------------|
| Audio compression | G.711 / G.726 |
|-------------------|---------------|

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) | 165 x 130 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) |

