



Security Technology

IP Camera, HD-TVI Camera, NVR and Software

2016/2017



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TECHNOLOGY

Resolution

Resolution refers to the number of pixels in a horizontal row and vertical column of an image. The higher the resolution, the more information can be rendered and thus the better image quality. A megapixel network camera features a resolution at least three times larger than that of an analog CCTV camera (traditionally 0.3 megapixel). It is mainly used in video surveillance in wide open areas or scenarios where accurate identification is needed, such as license plate recognition or face recognition.



Smart IR

When the Smart IR function is enabled, the camera automatically adjusts the IR lighting intensity in order to avoid overexposure in night mode and is highly beneficial in capturing usable video when the object of interest is close to the camera and IR LEDs.



Digital PTZ

By simulating the PTZ operations, Digital PTZ allows users to move up / down / left / right after zoom-in on the monitoring view for more detail checking.

ONVIF compliant

All Roline products support ONVIF. No compliant issues with other ONVIF products.



Removable IR-cut filter for Day & Night function

When detecting low light environment, the IRcut filter will work automatically switching from day mode to night mode to provide clear view.



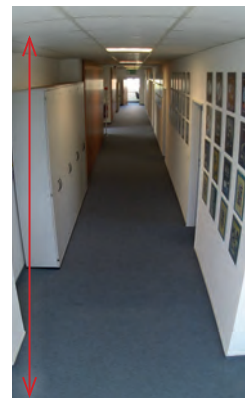
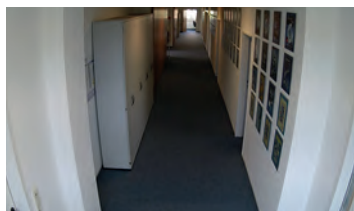
Motion Detection

Cameras provide the motion detection feature to lower storage requirements by only recording when motion is present.



Rotate Mode

In a vertical-shaped scene such as hallway or corridor, a horizontal shaped image could result in pixel wasting but with rotate mode cameras can maximize the whole pixel usage.

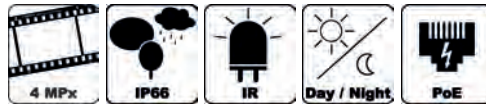


Horizontal Mode

Rotate Mode



ROLINE Fix Bullet IP Camera RBOF4-1



The ROLINE RBOF series is a compact PoE Day / Night network Camera for outdoor use with up to 4 megapixel resolution. The high resolution in combination with a smooth playback with up to 25 images per second enables an accurate identification. This ultra-compact camera bullet has an IP66 certified enclosure and can be used outdoors. The RBOF series has an IR cut filter and IR illuminators with a range of up to 30 meters. It is able to adapt to changing light conditions quickly. By integrating a number of advanced standard features such as motion detection, tamper detection, and Power Over Ethernet according to 802.3af, the RBOF series is an ideal solution for your outdoor surveillance

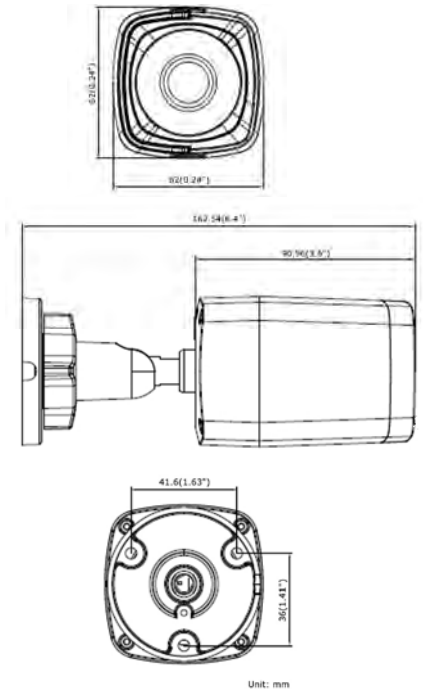
Features:

- Up to 4MPx resolution
- Angle of view: 83° (4mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive Scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Built-in IR Illuminators up to 30 meters
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Electronic shutter for different surveillance environments
- Other functions: alarm, reset button, mirror, etc.
- Compact design, Built-in bracket

Specification:

| | |
|-----------------------------|---|
| Model | 21.19.7308 – RBOF4-1 |
| Parameter | 4 Megapixel CMOS Infrared Network Bullet Camera |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR |
| Shutter Speed | 1/25(1/30) s to 1/100,000 s |
| Lens | 4mm@ F2.0 Angle of view: 83° |
| Lens Mount | M12 |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | Digital WDR |
| Compression Standard | |
| Video Compression | H.264/ MJPEG/ H.264+ |
| Video Bit Rate | 32 Kbps – 16 Mbps |
| Dual Stream | Yes |
| Image | |
| Max. Resolution | 2688 x 1520 |
| Frame Rate | 50 Hz: 20 fps (2688 x 1520), 25 fps (1920 x 1080), 25 fps (1280 x 720), 60 Hz: 20 fps (2688 x 1520), 30 fps (1920 x 1080), 30 fps (1280 x 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Yes, up to 3 configurable areas |
| Network | |
| Network Storage | NAS |
| Alarm Trigger | Motion detection, Dynamic analysis, Tampering alarm |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| Security | User Authentication, Watermark |
| Standard | ONVIF, PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface |
| Reset Button | Yes |
| General | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) |
| Power Supply | 12 V DC ± 10% PoE (802.3af) |
| Power Consumption | Max. 5 W |
| Ingress Protection level | IP66 |
| IR Range | 30 meters |
| Dimensions | 62.0 x 62.0 x 162.54 mm (2.4" x 2.4" x 6.4") |
| Weight | 500g (1.1 lbs) |

Dimensions:



Accessory:



Item No: 21.19.7312

Content: Camera, CD, QIG, drill template, screws

ROLINE Fix Bullet WLAN IP Camera RBOF2-1W



The ROLINE RBOF2-1W/RDOF2-1W is a compact 2 MP Full HD WiFi * / PoE Day / Night network camera for outdoor use. It is equipped with a 2 MP sensor that enables a smooth playback up to 25 fps with a resolution of 1920x1080 pixels. This compact bullet camera can be integrated into the existing network via LAN cable or wireless * and is because of its IP66 certified enclosure suitable for outdoor use. To be able to adapt to changing light conditions in a short time, the RBOF2-1W/RDOF2-1W has an IR cut filter and IR illuminators with a range up to 30 meters.

*For the wireless operation a separate power supply (12V 1.5A) is needed

ROLINE Fixed Dome WLAN IP Camera RDOF2-1W



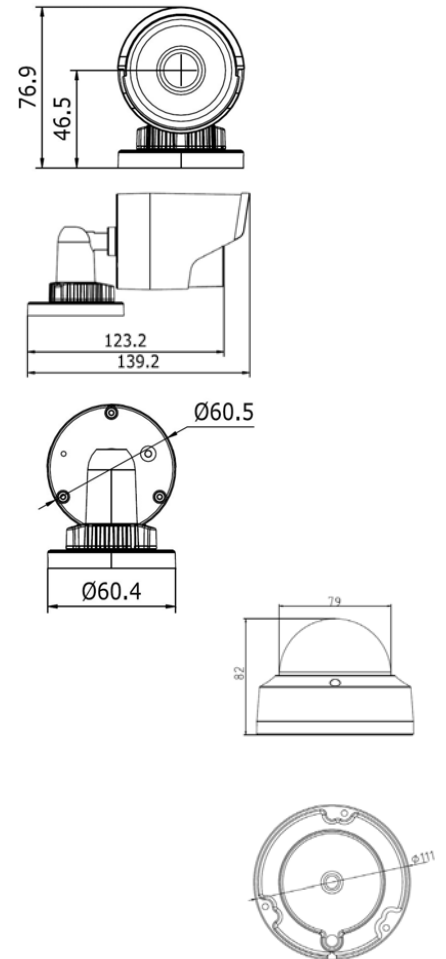
Features:

- Up to 2 megapixel (1920 × 1080) resolution
- Angle of view: 85°(4mm lens)
- 3D DNR / DWDR / BLC
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Built-in IR Illuminators up to 30 meters
- Support Wi-Fi (IEEE802.11b/g, 802.11n Draft), WPS connection
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Support dual stream, and the sub-stream for mobile surveillance
- Electronic shutter for different surveillance environments
- Other functions: heartbeat, mirror, reset button, etc.
- RBOF2-1W: Compact design, Built-in bracket
- RDOF2-1W: Impact Protection

Specification:

| Parameter | Model | |
|-----------------------------|--|--|
| | 21.19.7306 – RBOF2-1W | 21.19.7307 – RDOF2-1W |
| | Roline 2 MPx Fix Bullet Wi-Fi IP Cam RBOF2-1W | Roline 2 MPx Fixed Dome Wi-Fi Cam RDOF2-1W |
| Camera | | |
| Image Sensor | 1/2.8" Progressive Scan CMOS | |
| Min. Illumination | 0.028Lux @(F1.2,AGC ON) , 0 Lux with IR | |
| Shutter Speed | 1/3 s to 1/100,000 s | |
| Lens | 4mm@ F2.0 | |
| | 1920 × 1080: Angle of view: 85°(4mm) | |
| Lens Mount | M12 | |
| Day & Night | IR cut filter with auto switch | |
| Digital Noise Reduction | 3D Digital Noise Reduction | |
| WDR | Digital WDR | |
| Compression Standard | | |
| Video Compression | H.264 / MJPEG | |
| H.264 encoding level | Main Profile | |
| Video Bit Rate | 32Kbps~8Mbps | |
| Image | | |
| Max. Resolution | 1920 x 1080 | |
| Frame Rate | 50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) | |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser | |
| Backlight compensation | Yes, zone optional | |
| ROI | Yes, up to 3 configurable areas | |
| Network | | |
| Network Storage | Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB; NAS | |
| Smart function | Intrusion detection, Line crossing detection | |
| Alarm Trigger | Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage full, Storage error | |
| Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour | |
| Standard | ONVIF, PSIA, CGI, ISAPI | |
| Interface | | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface | |
| Wi-Fi Specification | | |
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n Draft | |
| Frequency Range | 2.4 GHz ~ 2.4835 GHz | |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS | |
| Transmit Output Power | 11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dBm | |
| Transfer Rates | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps | |
| Wireless Range | Outdoor: 200m, Indoor: 50m (depend on environment) | |
| General | | |
| Operating Conditions | -30 °C – 60 °C; Humidity 95% or less (non-condensing) | |
| Power Supply | DC12V±10% / PoE 802.3af | |
| Power Consumption | 5W MAX | |
| IR Range | Approx. 20 to 30 meters | |
| Dimensions (mm) | 60.4×76.9×139.28 mm (2.4" × 3.0" × 5.5") | Φ111 × 82 (4.4" × 3.2") |
| Weight | 500g (1.1 lbs) | |

Dimensions:



Accessory:

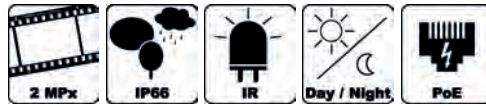


*12V PSU not included

Content: Camera, CD, QIG, drill template, screws



ROLINE 2 MPx Vario Bullet IP Camera RBOV2-1



The ROLINE RBOV2-1 is a 2MP Full HD PoE Day / Night network camera for outdoor use. It is equipped with a 2-MP sensor that enables a smooth playback up to 25 fps and a resolution of 1920x1080 pixels. This camera bullet has an IP66 certified enclosure and can be used outdoors. To be able to adapt to changing light conditions quickly, the RBOV2-1 features an IR cut filter and IR illuminators with a range of up to 30 meters.

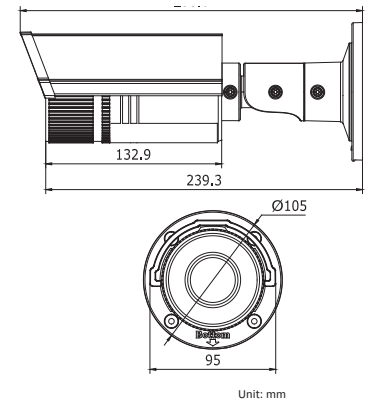
Features:

- Up to 2 megapixel (1920 × 1080) resolution
- Angle of view: 113°-33.8° (2.8 – 12mm Varifocal lens)
- 3D DNR & DWDR & BLC
- Support ROI function
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Built-in IR Illuminators up to 30 meters
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Auto-iris, electronic shutter for different surveillance environments
- Other functions: reset, heartbeat, mirror, etc.
- 3-axis adjustment

Specification:

| | |
|-----------------------------|--|
| Model | 21.19.7302 - RBOV2-1 |
| Parameter | 2 Megapixel Bullet Network Camera |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR |
| Shutter Speed | 1/25 s to 1/100,000 s |
| Lens | 2.8 - 12 mm @ F1.4, Angle of view: 113°-33.8° |
| Lens Mount | Ø14 |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | Digital WDR |
| Compression Standard | |
| Video Compression | H.264/ MJPEG |
| H.264 Compression Type | BaseLine Profile/Main Profile |
| Video Bit Rate | 32 Kbps – 8 Mbps |
| Audio Compression | G.711/G.726/MP2L2 |
| Audio Bit Rate | 64Kbps(G.711) / 16Kbps(G.726)/ 32~128Kbps(MP2L2) |
| Dual Stream | Yes |
| Image | |
| Max. Resolution | 1920×1080 |
| Frame Rate | 50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) 60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Yes, up to 4 configurable areas |
| Network | |
| Network Storage | NAS |
| Alarm Trigger | Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage full, Storage error |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| Security | User Authentication, Watermark |
| Standard | ONVIF, PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB |
| General | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) |
| Power Supply | 12 V DC ± 10% PoE (802.3af) |
| Power Consumption | Max. 7.5 W |
| Ingress Protection level | IP66 |
| IR Range | 30 meters |
| Dimensions | 95×105×258.6 mm (3.74" × 4.13" × 10.18") |
| Weight | 1200g |

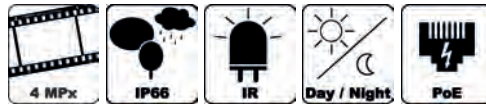
Dimensions:



Content: Camera, CD, QIG, drill template, screws



ROLINE Fixed Dome IP Camera RDOF4-1



The ROLINE RDOF series is a compact PoE Day / Night network camera for outdoor use with up to 4 megapixel resolution. The high resolution in combination with a smooth playback at up to 25 frames per second allows an accurate identification. This compact and vandal-resistant dome camera is thanks to its IP66 and IK10 certified housing suitable for outdoor use. To be able to adapt to changing light conditions quickly, the RDOF series has an IR cut filter and IR illuminators with a range of up to 30 meters. By integrating a number of advanced standard features such as motion detection, tamper detection, and Power Over Ethernet according to 802.3af, the RBOF series is an ideal solution for your outdoor surveillance.

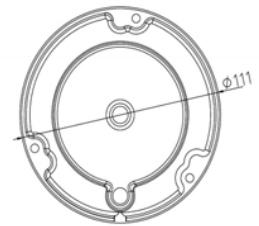
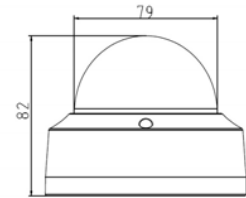
Features:

- Up to 4MPx resolution
- Angle of view: 83° RDOF4-1 (4mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Built-in IR Illuminators up to 30 meters
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB (RDOF4-1)
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Impact Protection IK10
- Electronic shutter for different surveillance environments
- Other functions: alarm, mirror, etc.
- Compact design

Specification:

| Model | 21.19.7309 – RDOF4-1 | |
|-----------------------------|--|-----------|
| Parameter | 4 Megapixel CMOS Infrared Network Dome Camera | |
| Camera | | |
| Image Sensor | 1/3" Progressive Scan CMOS | |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR | |
| Shutter Speed | 1/3 s to 1/100,000 s | |
| Lens | 4mm@ F2.0 Angle of view: 83° | |
| Lens Mount | M12 | |
| Day & Night | IR cut filter with auto switch | |
| Digital Noise Reduction | 3D DNR | |
| Wide Dynamic Range | Digital WDR | |
| Compression Standard | | |
| Video Compression | H.264/ MJPEG / H.264+ | |
| Video Bit Rate | 32 Kbps – 16 Mbps | |
| Dual Stream | Yes | |
| Image | | |
| Max. Resolution | 2048 × 1536 | 2688×1520 |
| Frame Rate | 50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720) 60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720) | |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast | |
| Backlight compensation | Yes, zone optional | |
| ROI | Yes, up to 3 configurable areas | |
| Network | | |
| Network Storage | NAS (Support NFS,SMB/CIFS) | |
| Alarm Trigger | Motion detection, Dynamic analysis, Tampering alarm | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour | |
| Security | User Authentication, Watermark | |
| Standard | ONVIF, PSIA, CGI, ISAPI | |
| Interface | | |
| Communication Interface | 1x RJ45 10M/100M Ethernet interface | |
| Reset Button | Yes | |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB | |
| General | | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) | |
| Power Supply | 12 V DC ± 10% , PoE (802.3af) | |
| Power Consumption | Max. 5 W | |
| Ingress Protection level | IP66 | |
| IR Range | 10 - 30 meters | |
| Impact protection | IEC60068-2-75Eh, 50J; EN50102, up to IK10 | |
| Dimensions | Φ111 × 82 (4.4" × 3.2") | |
| Weight | 500g (1.1 lbs) | |

Dimensions:



Accessory:



Item No: 21.19.7313

Content: Camera, CD, QIG, drill template, screws

COMING
SOON...



ROLINE 4 MPx PT Wi-Fi IP Camera RPIF4-1W



The ROLINE RPIF4-1W is a compact pan/tilt 4 Megapixel WiFi / PoE and Day / Night network camera for indoor use. It is equipped with a 4 MP sensor that enables a smooth playback up to 20 fps with a resolution of 2688x1520 pixels. This compact movable camera can be integrated into the existing network via LAN cable or wireless. To be able to adapt to changing light conditions in a short time, the RPIF4-1W has an IR cut filter and IR illuminators with a range up to 10 meters. It is able to adapt to changing light conditions quickly. By integrating of advanced standard features such as motion detection, tamper detection, WiFi and Power over Ethernet according to 802.3af, the RPIF4-1W is an ideal solution for indoor surveillance applications.

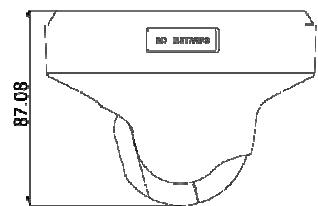
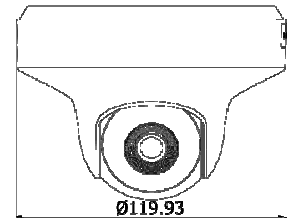
Features:

- Up to 4 megapixel (2688 x 1520) resolution
- FullHD 1080p video
- Angle of view: 106°(2,8mm lens)
- Removable IR-cut Filter with auto switch for Day & Night Function
- Dual video streams
- 120dB Wide Dynamic Range
- Pan & tilt rotation
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- DC12V & PoE
- Support H.264+
- Built-in IR Illuminators up to 10 meters
- Support Wi-Fi (IEEE802.11b/g, 802.11n Draft), WPS connection
- Electronic shutter for different surveillance environments
- Other functions: heartbeat, mirror, reset button, etc.

Specification:

| Model | 21.19.7311 – RPIF4-1W |
|-----------------------------|--|
| Parameter | Roline 4 MPx Pan / Tilt Wi-Fi IP Cam RPIF4-1W |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @ F1.2, AGC ON , 0.028Lux @ F2.0, AGC ON, 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Lens | 2.8mm@ F2.0, Angle of view: 106° |
| Lens Mount | M12 |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D Digital Noise Reduction |
| WDR | Digital WDR |
| P&T rotation | Pan: -90° - 90°, Tilt: 0° - 75° |
| Compression Standard | |
| Video Compression | H.264 / MJPEG / H.264+ |
| H.264 encoding level | Main Profile |
| Video Bit Rate | 32Kbps - 16Mbps |
| Dual streams | Support |
| Image | |
| Max. Resolution | 2688 × 1520 |
| Frame Rate | 50Hz: 20fps (2688 × 1520), 25fps (1920 × 1080), 25fps (1280 × 960) 60Hz: 20fps (2688 × 1520), 30fps (1920 × 1080), 30fps (1280 × 960) |
| Image Settings | Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Yes, up to 3 configurable areas |
| Network | |
| Network Storage | NAS (Support NFS,SMB/CIFS), ANR, Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| Alarm Trigger | Motion detection, Tampering alarm, Network disconnect, IP address conflict, Storage exception |
| Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface |
| Wi-Fi Specification | |
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n Draft |
| Frequency Range | 2.4 GHz - 2.4835 GHz |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Transmit Output Power | 11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dBm |
| Transfer Rates | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps |
| Wireless Range | 50m (depend on environment) |
| General | |
| Operating Conditions | -10 °C - 40 °C (-14 °F – 104 °F), Humidity 95% or less (non-condensing) |
| Power Supply | DC12V±10% / PoE 802.3af |
| Power Consumption | Max. 5W (Max. 7 W with IR cut filter on, max. 9W with pan & tilt rotation) |
| IR Range | Approx. 10 meters |
| Dimensions (mm) | Φ119.93 × 87.08mm |
| Weight | 500g (1.1 lb) |

Dimensions:



Content: Camera, CD, mounting bracket, screws, power supply



ROLINE 3 MPx Cube IP Camera RCIF3-1W



The ROLINE RCIF3-1W is a compact 3 MP HD PoE Day / Night network camera for indoor use. It is equipped with a 3-MP sensor that enables smooth playback up to 20 fps and a resolution of 2048 × 1536 pixels. This compact cube camera can be integrated into the existing network via a LAN cable or wireless*. To be able to adapt to changing light conditions quickly, the RCIF3-1W features an IR cut filter and IR illuminators with a range of up to 10 meters. In order to ensure a more accurate detection, the camera has a PIR sensor to detect motion at a distance of 10m.

*For the wireless operation a separate power supply (12V 1.5A) is needed.

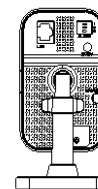
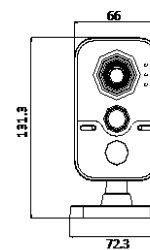
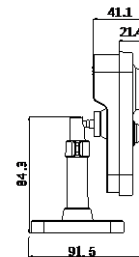
Features:

- Up to 3 megapixel (2048 X 1536 @ 20 fps) resolution
- Angle of view: 70°(4mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Built-in IR Illuminators up to 10 meters
- PIR detection (80° up to 10 meters)
- Two-way audio
- Built-in microphone and speaker
- Support Wi-Fi (IEEE802.11b/g, 802.11n Draft), WPS connection
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Support dual stream, and the sub-stream for mobile surveillance
- Integrated mount for easy installation
- Other functions: heartbeat, mirror, reset button, etc.

Specification:

| Model | 21.19.7304 - RCIF3-1W |
|-----------------------------|--|
| Parameter | 3 Megapixel CMOS Alarm Cube Camera |
| Camera | |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | 0.07Lux @(F1.2,AGC ON) , 0 Lux with IR |
| Shutter Speed | 1/25(1/30) s to 1/100,000 s |
| Lens | 4mm@ F2.0 Angle of view: 70° |
| Lens Mount | M12 |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D Digital Noise Reduction |
| WDR | Digital WDR |
| Compression Standard | |
| Video Compression | H.264 / MJPEG |
| H.264 encoding level | Main Profile |
| Video Bit Rate | 32Kbps~12Mbps |
| Audio Compression | G.711/G.726/MP2L2 |
| Audio Bit Rate | 64Kbps(G.711) / 16Kbps(G.726) / 32-128Kbps(MP2L2) |
| Image | |
| Max. Resolution | 2048 × 1536 |
| Frame Rate | 50Hz: 20fps (2048 × 1536), 25fps (1920 × 1080), 25fps (1280 × 720) 60Hz: 20fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Yes, up to 3 configurable areas |
| Network | |
| Network Storage | Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB; NAS |
| Alarm Trigger | Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception |
| Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour(SIP optional) |
| Standard | ONVIF, PSIA, CGI, ISAPI |
| General function | Flash-prevention, dual stream, heartbeat, mirror, password protection, video cover, watermark |
| Interface | |
| Communication Interface | 1 RJ45 10M/100M Ethernet interface |
| Alarm input / output | 1 / 1 |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB |
| Wi-Fi Specification | |
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n Draft |
| Frequency Range | 2.4 GHz ~ 2.4835 GHz |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Transmit Output Power | 11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dBm |
| Transfer Rates | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps |
| Wireless Range | Outdoor: 200m, Indoor: 50m (depend on environment) |
| General | |
| Operating Conditions | -30 °C – 60 °C; Humidity 95% or less (non-condensing) |
| Power Supply | DC12V±10% / PoE 802.3af |
| Power Consumption | 5W Max |
| PIR | Angle: 80° ; Range: 10 meters |
| IR Range | 10 meters |
| Dimensions (mm) | 66 × 91.5 × 131.3(2.60" × 3.60" × 5.17") |
| Weight | 400g (0.88lbs) |

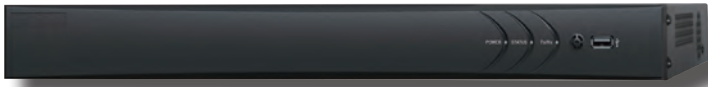
Dimensions:



Content: Camera, CD, QIG, drill template, screws

ROLINE NVR with PoE

RNR0104P / RNR0216P



The ROLINE RNR series are Linux-based network video recorders with support for up to 16 network cameras and up to 8 PoE ports. The integrated 4/8 Port PoE switch of the NVR can supply the cameras directly with electricity. Additional to the local display an HDMI or VGA monitor can be connected, the complete operation and configuration is then performed by using the computer mouse. There is no additional PC for video playback required.

Features:

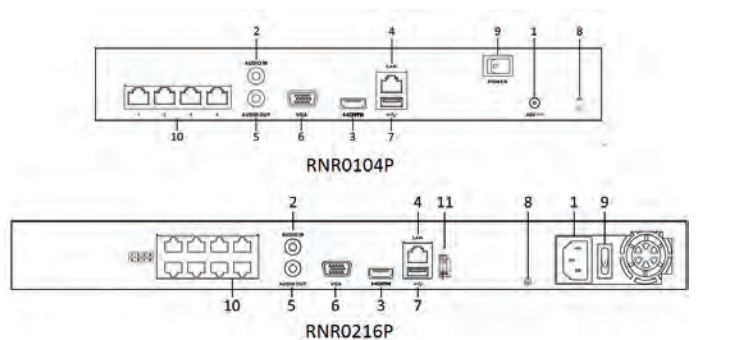
- 4 channels (RNR0104P) / 16 channels (RNR0216P) Netzwerk-Video-Recorder
- HDMI and VGA output at up to 1920 x 1080 resolution
- HDD quota and group management
- 1x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
- 4 independent POE ports (RNR0104P) / 8 independent POE ports (RNR0216P)
- Locking and unlocking record files
- Incoming bandwidth: 40 Mbps (RNR0104P) / 80 Mbps (RNR0216P)
- 1x SATA (RNR0104P) / 2x SATA interface (RNR0216P)
- 2x USB 2.0 ports
- Support network detection, including network delay, packet loss, etc.

Specification:

| Parameter | Model | 21.19.7310 - RNR0104P | 21.19.7305 - RNR0216P |
|--------------------|----------------------------|---|--|
| | | 4CH NVR with 4-port PoE | 16CH NVR with 8-port PoE |
| Video/Audio input | IP video input | 4-ch | 16-ch |
| | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1kΩ) | |
| Network | Incoming bandwidth | 40Mbps | 80Mbps |
| | Output bandwidth | 40Mbps | 40Mbps |
| | Remote connection | 128 | |
| Video/Audio output | Recording resolution | 5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF | |
| | HDMI/VGA output | 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz | |
| | Audio output | 1-ch, RCA (Linear, 1kΩ) | |
| | Playback resolution | 5MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF | |
| Hard disk | SATA | 1 SATA-interface for 1 HDD (not included) | 2 SATA-interface for 2 HDD (not included) |
| | Capacity | Up to 4TB for each disk | |
| External interface | Network interface | 1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface | |
| | Serial interface | No | 1 RS-485 half-duplex interface |
| | USB interface | 2 × USB 2.0 | |
| PoE | Interface | 4 independent 10 /100 Mbps PoE Ethernet interfaces | 8 independent 10 /100 Mbps PoE Ethernet interfaces |
| | Output Consumption | 50W | 120W |
| | Supported Standard | 802.3af and 802.3at | 802.3af |
| Others | Power supply | 48V DC | 100~240VAC, 47~63Hz, 3A |
| | Consumption | ≤ 10 W (without hard disk) | ≤ 15 W (without hard disk) |
| | Working temperature | -10 °C ~ +55 °C | |
| | Working humidity | 10 % ~ 90 % | |
| | Dimensions (W × D × H) | 315 × 230 × 45mm | 445 × 290 × 45mm |
| Weight | ≤ 1 Kg (without hard disk) | | |

Contents: NVR, CD, QIG, power supply (RNR0104P)

Connection:



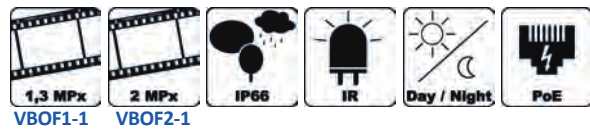
- | | |
|--------------------------|--|
| 1. Power Input | 7. USB Interface |
| 2. Audio In | 8. GND |
| 3. HDMI Output | 9. Power Switch |
| 4. LAN Network Interface | 10. Network Interfaces with PoE function |
| 5. Audio Out | 11. RS-485 Interface |
| 6. VGA Output | |

Application:





VALUE Fix Bullet IP Camera VBOF1-1/ VBOF2-1



The VALUE VBOF series is a compact HD PoE Day / Night network camera with up to 2 megapixel resolution for outdoor use. The high resolution in combination with a smooth playback at up to 25 frames per second allows an accurate identification. This ultra-compact camera bullet has an IP66 certified enclosure and ready for outdoor use. To be able to adapt to changing light conditions quickly, the VBOF series has an IR cut filter and IR illuminators with a range of up to 30 meters. By integrating a number of advanced standard functions, such as motion detection, tamper detection, and Power Over Ethernet according to 802.3af, the VBOF series is an ideal solution for your outdoor surveillance.

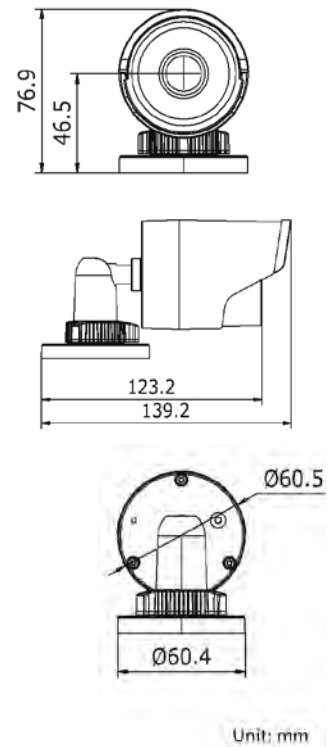
Features:

- Up to 1.3MPx VBOF1-1 / 2MPx VBOF2-1 resolution
- Angle of view: 73.1° VBOF1-1 / 79° VBOF2-1 (4mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive Scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Built-in IR Illuminators up to 30 meters
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Electronic shutter for different surveillance environments
- Other functions: alarm, reset button, mirror, etc.
- Compact design, Built-in bracket

Specification:

| Parameter | Model | |
|-----------------------------|---|--|
| | 21.99.1635 - VBOF1-1 1.3 Megapixel CMOS Infrarot- Netzwerk-Bullet-Kamera | 21.99.1636 – VBOF2-1 2 Megapixel CMOS Infrarot-Netzwerk- Bullet-Kamera |
| Camera | | |
| Image Sensor | 1/3" Progressive Scan CMOS | |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR | |
| Shutter Speed | 1/3 s to 1/100,000 s | |
| Lens | 4mm@ F2.0 | |
| | Angle of view: 73.1° | Angle of view: 85° |
| Lens Mount | M12 | |
| Day &Night | IR cut filter with auto switch | |
| Digital Noise Reduction | 3D DNR | |
| Wide Dynamic Range | Digital WDR | |
| Compression Standard | | |
| Video Compression | H.264/ MJPEG | |
| Video Bit Rate | 32 Kbps – 8 Mbps | |
| Dual Stream | Yes | |
| Image | | |
| Max. Resolution | 1280 x 960 | 1920 x 1080 |
| Frame Rate | 50 Hz: 25 fps (1280 x 960), 25 fps (1280 x 720), 25 fps (704 x 576) | 50Hz: 25fps(1920 x 1080), 25fps (1280 x 960), 25fps (1280 x 720) |
| | 60 Hz: 30 fps (1280 x 960), 30 fps (1280 x 720), 30 fps (704 x 576) | 60Hz: 30fps(1920 x 1080), 30fps (1280 x 960), 30fps (1280 x 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast | |
| Backlight compensation | Yes, zone optional | |
| ROI | Yes, up to 3 configurable areas | |
| Network | | |
| Network Storage | NAS (Support NFS,SMB/CIFS) | |
| Alarm Trigger | Motion detection, Dynamic analysis, Tampering alarm | |
| Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour | |
| Security | User Authentication, Watermark | |
| Standard | ONVIF, PSIA, CGI, ISAPI | |
| Interface | | |
| Communication Interface | 1x RJ45 10M/100M Ethernet interface | |
| Reset Button | Yes | |
| General | | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) | |
| Power Supply | 12 V DC ± 10% / PoE (802.3af) | |
| Power Consumption | Max. 7 W | |
| Ingress Protection level | IP66 | |
| IR Range | 10 - 30 meters | |
| Dimensions | 62.0 x 62.0 x 162.54 mm (2.4" x 2.4" x 6.4") | |
| Weight | 500g (1.1 lbs) | |

Dimensions:



Accessory:

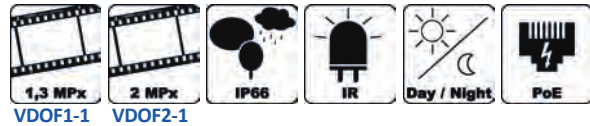


Item No: 21.19.7312

Contents: Camera, ԷԾ, ՉԳ, drill template, screws



VALUE Fix Dome IP Camera VDOF1-1/ VDOF2-1



The VALUE VDOF series is a compact HD PoE Day / Night network camera with up to 2 megapixel resolution for outdoor use. The high resolution in combination with a smooth playback at up to 25 frames per second allows an accurate identification. This compact and vandal-resistant dome camera has IP66 and IK10 certified housing and is suitable for outdoor use. To be able to adapt to changing light conditions quickly, the VDOF series has an IR cut filter and IR illuminators with a range of up to 30 meters. By integrating a number of advanced standard functions, such as motion detection, tamper detection, and Power Over Ethernet according to 802.3af, the VDOF series is an ideal solution for your outdoor surveillance.

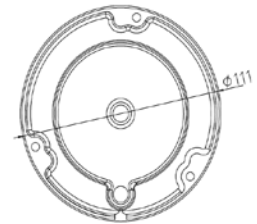
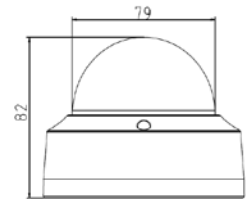
Features:

- Up to 1.3MPx VDOF1-1 / 2MPx VDOF2-1 resolution
- Angle of view: 92.5° VDOF1-1 / 106° VDOF2-1 (2.8 mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Support dual stream, and the sub-stream for mobile surveillance
- Built-in IR Illuminators up to 30 meters
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Weather-proof IP66 rated housing
- Impact Protection IK10
- Electronic shutter for different surveillance environments
- Other functions: alarm, mirror, etc.
- Compact design

Specification:

| Parameter | Model | |
|--------------------------|---|---|
| | 21.99.1637 - VDOF1-1 | 21.99.1638 – VDOF2-1 |
| | 1.3 Megapixel CMOS Infrared Network Dome Camera | 2 Megapixel CMOS Infrared Network Dome Camera |
| Camera | | |
| Image Sensor | 1/3" Progressive Scan CMOS | |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR | |
| Shutter Speed | 1/3 s to 1/100,000 s | |
| Lens | 2.8 mm@ F2.0 | |
| | Angle of view: 92.5° | Angle of view: 106° |
| Lens Mount | M12 | |
| Day & Night | IR cut filter with auto switch | |
| Digital Noise Reduction | 3D DNR | |
| Wide Dynamic Range | Digital WDR | |
| Compression Standard | | |
| Video Compression | H.264/ MJPEG | |
| Video Bit Rate | 32 Kbps – 8 Mbps | |
| Dual Stream | Yes | |
| Image | | |
| Max. Resolution | 1280 x 960 | 1920 x 1080 |
| Frame Rate | 50 Hz: 25 fps (1280 × 960), 25 fps (1280 × 720), 25 fps (704 × 576) | 50Hz: 25fps(1920 × 1080), 25fps (1280 × 960), 25fps (1280 × 720) |
| | 60 Hz: 30 fps (1280 × 960), 30 fps (1280 × 720), 25 fps (704 × 576) | 60Hz: 30fps(1920 × 1080), 30fps (1280 × 960), 30fps (1280 × 720) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast | |
| Backlight compensation | Yes, zone optional | |
| ROI | Yes, up to 3 configurable areas | |
| Network | | |
| Network Storage | NAS (Support NFS,SMB/CIFS) | |
| Alarm Trigger | Motion detection, Dynamic analysis, Tampering alarm | |
| Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour | |
| Security | User Authentication, Watermark | |
| Standard | ONVIF, PSIA, CGI, ISAPI | |
| Interface | | |
| Communication Interface | 1x RJ45 10M/100M Ethernet interface | |
| Reset Button | Yes | |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB | |
| General | | |
| Operating Conditions | -30 °C – 60 °C (-22 °F – 140 °F) Humidity 95% or less (non-condensing) | |
| Power Supply | 12 V DC ± 10% , PoE (802.3af) | |
| Power Consumption | Max. 7 W | |
| Ingress Protection level | IP66 | |
| IR Range | 10 - 30 meters | |
| Impact protection | IEC60068-2-75Eh, 50J; EN50102, up to IK10 | |
| Dimensions | Φ111 × 82 (4.4" × 3.2") | |
| Weight | 500g (1.1 lbs) | |

Dimensions:



Accessory:



Item No: 21.19.7313

Content: Camera, CD, QIG, drill template, screws



VALUE 1MPx Cube IP Camera VCIF1-1W



The VALUE VCIF1-1W is a compact 1 MP HD PoE Day / Night network camera for indoor use. It is equipped with a 1-MP sensor, which enables smooth playback up to 25 fps and a resolution of 1280 × 720 pixels. This compact cube camera can be integrated into the existing network via a LAN cable or wireless*. To be able to adapt to changing light conditions quickly, the VCIF1-1W features an IR cut filter and IR illuminators with a range of up to 10 meters. In order to ensure a more accurate detection, the camera has a PIR sensor to detect motion at a distance of 10m.

*For the wireless operation a separate power supply (12V 1.5A) is needed.

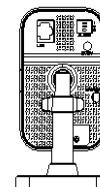
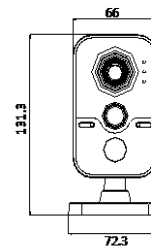
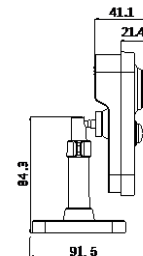
Features:

- Up to 1 Megapixel (1280×720) resolution
- Angle of view: 68°(2.8mm lens)
- 3D DNR & DWDR & BLC
- Standard video compression with high compression ratio
- Progressive scan CMOS
- Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
- Built-in IR Illuminators up to 10 meters
- PIR detection (80° up to 10 meters)
- Two-way audio
- Built-in microphone and speaker
- Support Wi-Fi (IEEE802.11b/g, 802.11n Draft), WPS connection
- Removable IR-cut Filter with auto switch for Day & Night Function
- PoE (Power over Ethernet) 802.3af
- Support dual stream, and the sub-stream for mobile surveillance
- Integrated mount for easy installation
- Other functions: heartbeat, mirror, reset button, etc.

Specification:

| Model | 21.99.1639 – VCIF1-1W |
|-----------------------------|--|
| Parameter | 1 Megapixel CMOS Alarm Pro Cube Camera |
| Camera | |
| Image Sensor | 1/4" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @(F1.2,AGC ON) , 0 Lux mit IR |
| Shutter Speed | 1/3 s bis 1/100,000 s |
| Lens | 2.8mm@ F2.0 |
| | Angle of view: 68° |
| Lens Mount | M12 |
| Day &Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| WDR | Digital WDR |
| Compression Standard | |
| Video Compression | H.264 / MJPEG |
| H.264 encoding level | Main Profil |
| Video Bit Rate | 32Kbps~8Mbps |
| Audio Compression | G.711/G.726/MP2L2 |
| Audio Bit Rate | 64Kbps(G.711) / 16Kbps(G.726) / 32-128Kbps(MP2L2) |
| Image | |
| Max. Resolution | 1280x720 |
| Frame Rate | 50 Hz: 25 fps (1280 x 720), 25 fps (704 x 576), 25 fps (640 x 480) 60 Hz: 30 fps (1280 x 720), 30 fps (704 x 576), 30 fps (640 x 480) |
| Image Settings | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser |
| Backlight compensation | Yes, zone optional |
| ROI | Yes, up to 3 configurable areas |
| Network | |
| Network Storage | NAS |
| Alarm Trigger | Motion detection, Dynamic Analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception |
| Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour(SIP optional) |
| Standard | ONVIF, PSIA, CGI, ISAPI |
| Interface | |
| Communication Interface | 1x RJ45 10M/100M Ethernet Schnittstelle |
| Alarm input / output | 1 / 1 |
| On-board storage | Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB |
| Wi-Fi Specification | |
| Wireless Standards | IEEE802.11b, 802.11g, 802.11n Draft |
| Frequency Range | 2.4 GHz ~ 2.4835 GHz |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS |
| Transmit Output Power | 11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dBm |
| Transfer Rates | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps |
| Wireless Range | Outdoor: 200m, Indoor: 50m (depend on environment) |
| General | |
| Operating Conditions | -30 °C – 60 °C; Humidity 95% or less (non-condensing) |
| Power Supply | DC12V±10% / PoE 802.3af |
| Power Consumption | Max 5.5W |
| PIR | Angle: 80° ; Range: 10 meters |
| IR Range | 10 meters |
| Dimensions (mm) | 66 × 91.5 × 131.3(2.60" × 3.60" × 5.17") |
| Weight | 400g (0.88lbs) |

Dimensions:



Content: Camera, CD, QIG, drill template, screws

VALUE 4CH NVR with 4-Port PoE VND0104P



The VALUE VND0104P is a 4-channel network video recorder in a desktop housing, making it suitable for table installation. The VND0104P has an integrated 4-port PoE switch and supplies the cameras directly with electricity. Additional to the local display an HDMI or VGA monitor can be connected, the complete operation and configuration is then performed by using the computer mouse. There is no additional PC for video playback required.

Features:

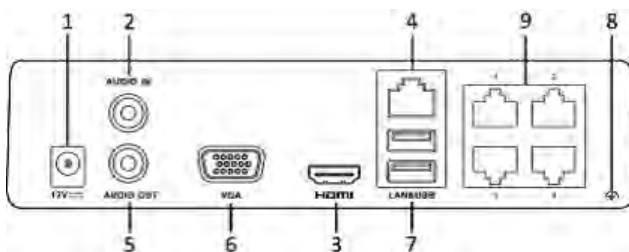
- 4 channel Netzwerk-Video-Recorder
- HDMI and VGA output at up to 1920 x 1080 resolution
- HDD quota and group management
- 1x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
- 4 independent POE ports
- Locking and unlocking record files
- Incoming bandwidth: 25 Mbps
- 1x SATA interface for 1 HDD (Typ 3,5 Zoll)
- 2x USB 2.0 ports
- Support network detection, including network delay, packet loss, etc.

Specification:

| Model | 21.99.1640 – VND0104P | |
|--------------------|-------------------------|---|
| Parameter | 4CH NVR with 4-Port PoE | |
| Video/Audio input | IP video input | 4-ch |
| | Two-way audio input | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| Network | Incoming bandwidth | 25Mbps |
| | Output bandwidth | 40Mbps |
| | Remote connection | 128 |
| Video/Audio output | Recording resolution | 1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| | HDMI/VGA output | 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz |
| | Audio output | 1-ch, RCA (Linear, 1kΩ) |
| | Playback resolution | 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF |
| Hard disk | SATA | 1 SATA-interface for 1 HDD (not included) |
| | Capacity | Up to 4TB for each disk |
| External interface | Network interface | 1 RJ-45 10 /100 Mbps self-adaptive Ethernet interface |
| | USB interface | 2 × USB 2.0 |
| PoE | Interface | 4 independent 10 /100 Mbps PoE Ethernet interfaces |
| | Output Consumption | 35W |
| | Supported Standard | 802.3af |
| Others | Power supply | 48V DC |
| | Consumption | -10 °C ~ +55 °C |
| | Working temperature | ≤ 6 W (without hard disk and PoE) |
| | Working humidity | 10 % ~ 90 % |
| | Dimensions (W × D × H) | 255 × 205 × 45 mm (8.1 × 8.1 × 1.8 inch) |
| | Weight | ≤ 1 Kg (without hard disk) |

Content: NVR, CD, QIG, power supply

Connections:



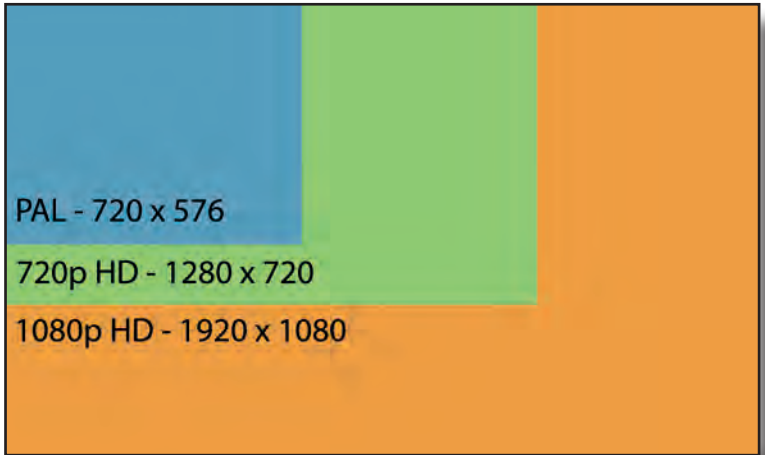
1. Power Input
2. Audio In
3. HDMI Output
4. LAN Network Interface
5. Audio Out
6. VGA Output
7. USB Interface
8. GND
9. Network Interfaces with PoE function



HD-TVI is Full HD 1080P via coax cable up to 500 m distance



The new HD-TVI Standard supports analog transmission of HD video recording at a resolution of 1080p over distances of up to 500m via coaxial cable or 200m when using a twisted pair cable. HD-TVI uses a low-frequency signal that is largely insensitive to electromagnetic interference, so that the transmission is very reliable. Since the data is not compressed, a real-time display in megapixel resolution is possible without latency. The HD-TVI technology is ideal for upgrading analog systems to HD, because existing facilities are simply taken over and thus investments can be protected in existing infrastructures.

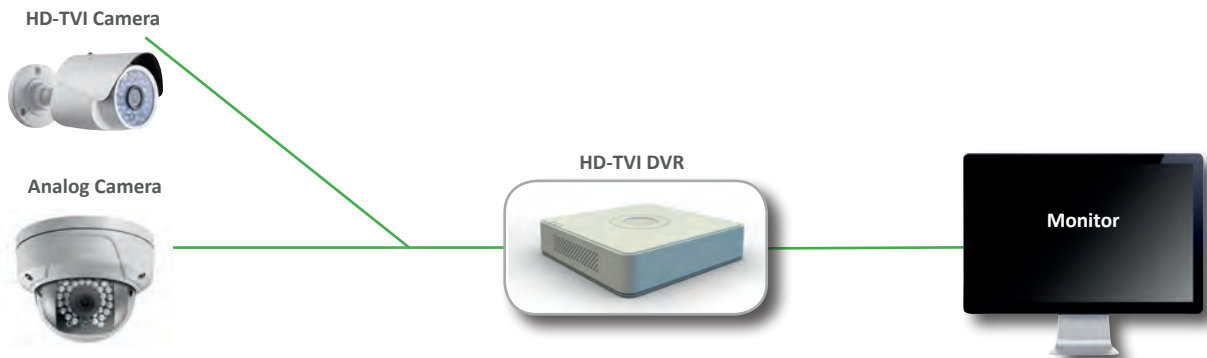


Plug & Play via coax cable

The adjustment of the OSD menu has never been so easy! Thanks to UTC technology all video and data signals can be transmitted via the coaxial cable, means no additional cables (RS485) are required – and via plug & play, everything can connect automatically. The result is exceptional flexibility and easy installation compared to conventional analogue systems: Users can now use existing facilities for the transmission of pictures in HD quality without making large investments.

High compatibility with tribrid-technology

The tribrid-technology of the new HD-TVI series offers seamless compatibility - a real revolution in the field of professional security monitoring. The HD-TVI DVRs can process video signals from analog, HD TVI-, CIF and WD cameras and allow easy integration of different technologies. Thanks to auto-sensing everything goes automatically and the installation is a breeze. Users can now enjoy and take advantage of 1080p resolution without replacing existing equipment and infrastructure. This makes HD DVRs TVI your first choice for retrofitting existing systems.



VALUE 1080p Bullet HD-TVI Camera VTBOF2-1



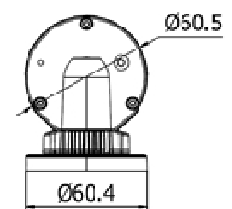
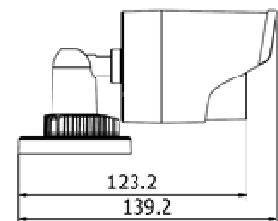
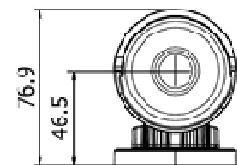
Features:

- Up to 2 megapixel (1920 × 1080) resolution
- HD-TVI video transmission over Coax cable
- Angle of view:: 105.8°(2.8mm lens)
- Built-in IR Illuminators up to 30 meters
- Weather-proof IP66 rated housing
- OSD menu controlled via UTC

Specification:

| Model | 21.99.1641 - VTBOF2-1 |
|--------------------------|---|
| Parameter | 1080p CMOS HD-TVI Infrared Bullet Camera |
| Camera | |
| Image Sensor | Progressive Scan CMOS |
| Signal System | PAL / NTSC |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR |
| Shutter Speed | 1/25 s to 1/100,000 s |
| Lens | 2.8mm@ F2.0 Angle of view: 105.8° |
| Lens Mount | M12 |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Image | |
| Effective Pixels | 1930 x 1088 |
| Frame Rate | 50Hz: 1080p @ 25 fps 60Hz: 1080p @ 30 fps |
| Backlight compensation | Yes |
| Interface | |
| HD Video Output | 1 HD-TVI Output |
| OSD Menu | |
| Language | English/ Chinese |
| Communication | Over coax cable |
| BLC | Support |
| D / N Mode | Color/ BW/ EXT |
| White Balance | Auto/ Manual |
| General | |
| Operating Conditions | -40 °C – 60 °C (-40 °F – 140 °F) Humidity 95% or less (non-condensing) |
| Power Supply | DC12V ± 10% |
| Power Consumption | Max. 3W |
| Ingress Protection level | IP66 |
| IR Range | Up to 30 Meter |
| Dimensions | Φ111×82mm (Φ4.4"×3.2") |
| Weight | 500g (1.11lbs) |

Dimensions:



Accessory:



Item No: 21.19.7312

Content: Camera, CD, QIG, drill template, screws



VALUE 1080p Fix Dome HD-TVI Kamera VTDOF2-1



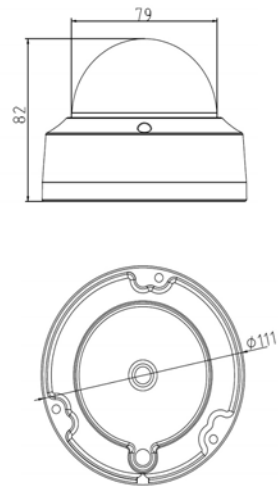
Features:

- Up to 2 megapixel (1920 × 1080) resolution
- HD-TVI video transmission over Coax cable
- Angle of view:: 105.8°(2.8mm lens)
- Built-in IR Illuminators up to 30 meters
- Weather-proof IP66 rated housing
- Impact Protection IK10
- OSD menu controlled via UTC

Specification:

| | | |
|--------------------------|---|--|
| Model | 21.99.1642 - VTDOF2-1 | |
| Parameter | 1080p CMOS HD-TVI Infrared Dome Camera | |
| Camera | | |
| Image Sensor | Progressive Scan CMOS | |
| Signal System | PAL / NTSC | |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR | |
| Shutter Speed | 1/25 s to 1/100,000 s | |
| Lens | 2.8mm@ F2.0 | |
| | Angle of view: 105.8° | |
| Lens Mount | M12 | |
| Day & Night | IR cut filter with auto switch | |
| Digital Noise Reduction | 3D DNR | |
| Image | | |
| Effective Pixels | 1930 x 1088 | |
| Frame Rate | 50Hz: 1080p @ 25 fps | |
| | 60Hz: 1080p @ 30 fps | |
| Backlight compensation | Yes | |
| Interface | | |
| HD Video Output | 1 HD-TVI Output | |
| OSD Menu | | |
| Language | English/ Chinese | |
| Communication | Over coax cable | |
| BLC | Support | |
| D / N Mode | Color/ BW/ EXT | |
| White Balance | Auto/ Manual | |
| General | | |
| Operating Conditions | -40 °C – 60 °C (-40 °F – 140 °F) Humidity 95% or less (non-condensing) | |
| Power Supply | DC12V ± 10% | |
| Power Consumption | Max. 3W | |
| Ingress Protection level | IP66 | |
| Impact protection | IEC60068-2-75Eh, 50J; EN50102, up to IK10 | |
| IR Range | Up to 30 Meter | |
| Dimensions | Φ111×825mm (Φ4.4"×3.2") | |
| Weight | 500g (1.11lbs) | |

Dimensions:



Accessory:



Item No: 21.19.7313

Contents: Camera, CD, QIG, drill template, screws

VALUE 1080p HD-TVI DVR VTD0104



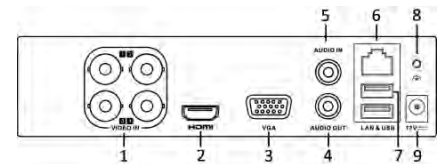
Features:

- 4 channel HD-TVI Digital Video Recorder
- HDMI and VGA output at up to 1920 x 1080 resolution
- HD-TVI video transmission over Coax cable
- 1x RJ-45 10/100 Mbps self-adaptive Ethernet interface
- 1x SATA interface for 1 HDD (Typ 3,5 Zoll)
- 2x USB 2.0 Ports

Specification:

| Parameter | Model | 21.99.1643 – VTD0104 |
|--------------------|-------------------------------|--|
| | | 4CH HD-TVI Digital Video Recorder |
| Video/Audio input | Analog and HD-TVI video input | 4-ch BNC interface (1.0Vp-p, 75 Ω) |
| | Supported camera types | 720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS |
| | Audio input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) |
| Video/Audio output | HDMI/VGA output | 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz |
| | Encoding resolution | Main stream: 1080P(non-real-time) / 720P / VGA / WD1 / 4CIF / CIF |
| | | Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA |
| | Frame rate | Main stream: 1/16 fps ~ Real time frame rate Sub-stream: 1/16 fps ~ Real time frame rate |
| | Video bitrate | 32 Kbps-6 Mbps |
| | Audio output | 1-ch, RCA (Linear, 1KΩ) |
| | Synchronous playback | 4-ch |
| Hard disk | SATA | 1 SATA-interface for 1 HDD (not included) |
| | Capacity | Up to 4 TB capacity for each disk |
| Network management | Remote connections | 128 |
| | Network protocols | TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS |
| External interface | Network interface | 1 RJ-45 10 /100 Mbps self-adaptive Ethernet interface |
| | USB interface | 2 × USB 2.0 |
| Others | Power supply | 12V DC |
| | Working temperature | -10 °C ~ +55 °C |
| | Consumption | ≤ 6 W (without hard disk) |
| | Working humidity | 10 % ~ 90 % |
| | Dimensions (W × D × H) | 200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch) |
| | Weight | ≤ 0.8 Kg (without hard disk) |

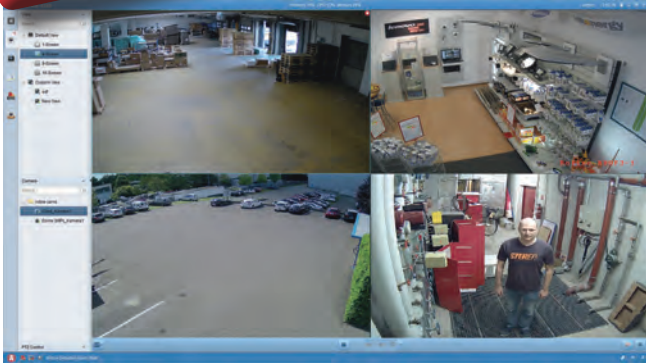
Dimensions:



1. Video In
2. HDMI Interface
3. VGA Interface
4. Audio Out
5. Audio In
6. LAN Network Interface
7. USB Ports
8. GND
9. 12VDC Power Input

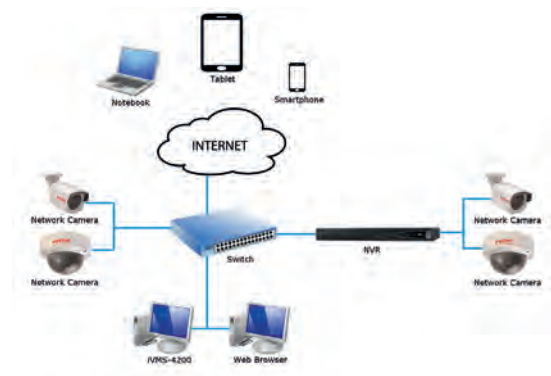
Contents: DVR, CD, QIG, power supply

FREE



ROLINE Recording Software

The ROLINE Recording Software is a versatile video management software for IP cameras, encoders, decoders, etc. It offers several features, including real-time live view, video recording, remote search and playback, File Backup for the needs of small and medium-sized projects. With the possibility of flexible use and the easy to use interface, the ROLINE Recording client software can be used in different monitoring areas, such as public security, commercial areas, transportation, finance, education, etc.



FREE

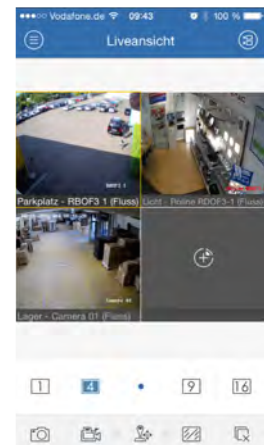


ROLINE Mobile Monitoring Application CCTV Mobile

CCTV Mobile is a mobile monitoring application for iPhone / iPad / Android. Monitoring products which based on the H.264 codec are supported. It can be used to view the live image from the NVR, network cameras, encoders, etc. It is also possible to access the recorded data to create video and still image shooting, to control alarm outputs and PTZ cameras. With this application you get access to your NVR, network cameras, encoders, etc., via Wi-Fi or 3G / 4G. If a public IP is not available, the device also supports DDNS.

Download Links:

| iPhone | iPad | Android | Android Tablet |
|--------|------|---------|----------------|
| | | | |
| | | | |



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| Artikelnummer / Modell | 21.19.7306 - RBOF2-1W | 21.19.7308 - RBOF4-1 | 21.19.7302 - RBOV2-1 | 21.19.7307 - RDOF2-1W | 21.19.7309 - RDOF4-1 | 21.19.7304 - RCF3-1W | 21.99.1635 - VBOF1-1 | 21.99.1636 - VBOF2-1 | 21.99.1637 - VDOF1-1 | 21.99.1638 - VDOF2-1 | 21.99.1639 - VCF1-1W |
|---------------------------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Produkttyp | Bullet | Bullet | Bullet | Fixed-Dome | Fixed-Dome | Cube | Bullet | Bullet | Fixed-Dome | Fixed-Dome | Cube |
| 1/4" Progressive Scan CMOS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 1/3" Progressive Scan CMOS | | | | | | | | | | | |
| 1 MPx (bis zu 1280 x 720 Auflösung) | | | | | | | | | | | |
| 1,3 MPx (bis zu 1280 x 960 Auflösung) | | | | | | | | | | | |
| 2 MPx (bis zu 1920 x 1080 Auflösung) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 MPx (bis zu 2048 x 1536 Auflösung) | | | | | | | | | | | |
| 4 MPx (bis zu 2688 x 1520 Auflösung) | | | | | | | | | | | |
| Fixes Objektiv | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Vario Objektiv | | | | | | | | | | | |
| Digital WDR | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Tag / Nacht | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IR LED | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IR Sperrfilter | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Smart IR | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PIR | | | | | | | | | | | |
| Außenbereich (IP 66) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Schlagschutz (IK 10) | | | | | | | | | | | |
| PoE (802.3af) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12V DC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| RJ-45 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| WLAN | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Micro-SD Kartenslot | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ONVIF | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bewegungserkennung | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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