| | IP VANDALPROOF CAMERA IPC-EB5541-AS - 5 Mpx 1.4 mm - Fish Eye DAHUA | IP VANDALPROOF CAMERA IPC-EB081242-AS-S2 - 12 Mpx 1.85 mm - Fish Eye DAHUA | IP CAMERA IPC-EW5541-AS - 5 Mpx 1.4 mm - Fish Eye DAHUA | IP VANDALPROOF CAMERA DS-2CD63C5G0-IVS(1.27MM) - 6.3 Mpx 1.27 mm - Fish Eye Hikvision | IP VANDALPROOF CAMERA DS-2CD63C5G0-IVS - 12 Mpx 1.29 mm - Fish Eye Hikvision | IP CAMERA BCS-V-FI5221R1 - 5 Mpx 1.05 mm - Fish Eye BCS View |
|---|---|---|---|---|---|---|
| | | | | |  |  |
| | 429.84 EUR<br>429.84 EUR | 1906.35 EUR<br>1906.35 EUR | 469.91 EUR<br>469.91 EUR | 934.09 EUR<br>934.09 EUR | 1239.65 EUR<br>1239.65 EUR | 598.72 EUR<br>598.72 EUR |
| Standard | TCP/IP | TCP/IP | TCP/IP | TCP/IP | TCP/IP | TCP/IP |
| Sensor | 1/2.7 " Progressive Scan CMOS | 1/1.7 " Progressive Scan CMOS | 1/2.7 " Progressive Scan CMOS | 1/1.8 " Progressive Scan CMOS | 1/1.7 " Progressive Scan CMOS | 1/2.5 " Progressive Scan CMOS |
| Matrix size | 5 Mpx | 12 Mpx | 5 Mpx | 6 Mpx | 12 Mpx | 5 Mpx |
| Scanning system | Progressive | | | Progressive | Progressive | Progressive |
| Resolution | 2592 x 1944 - 5 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1600 x 1200 - UXGA ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p | 4000 x 3000 - 12 Mpx ,<br>2592 x 1944 - 5 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>2880 x 2160 - 6.2 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1280 x 960 - 1.3 Mpx | 2592 x 1944 - 5 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1600 x 1200 - 2 Mpx ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p | 3072 x 2048 - 6.3 Mpx ,<br>2048 x 2048 - 4.2 Mpx ,<br>1280 x 1280 - 1.6 Mpx | 4000 x 3000 - 12 Mpx ,<br>3000 x 3000 - 9 Mpx ,<br>2560 x 2560 - 6.5 Mpx | 2560 x 1920 - 5 Mpx ,<br>2048 x 1536 - 3 Mpx ,<br>1280 x 960 - 1.3 Mpx |
| Lens | 1.4 mm - Fish Eye / F2.8 | 1.85 mm - Fish Eye | 1.4 mm - Fish Eye | 1.27 mm - Fish Eye / F2.6 | 1.29 mm - Fish Eye / F2.2 | 1.05 mm - Fish Eye / F2.2 |
| Range of IR illumination | 30 m | 30 m | 30 m | 15 m | 15 m | 8 m |
| View angle | 180 ° | 185 ° | 180 ° | 180 ° | 180 ° | 180 ° |
| S/N ratio | > 56 dB | > 56 dB | > 56 dB | - | > 50 dB | - |
| RS-485 interface | — | — | — | ✓ | ✓ | — |
| Image compression method | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG | H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| Alarm inputs / outputs | 1 / 1 | 2 / 2 | 1 / 1 | 1 / 1 | 2 / 1 | 1 / 1 |
| Bitrate | - | - | - | 32 ... 16384 kbps | 32 ... 16384 kbps | - |
| Audio | • Microphone built-in,<br>• External microphone input,<br>• Audio output,<br>• Bi-directional audio streaming support | • Microphone built-in - Double<br>• External microphone input<br>• Audio output<br>• Bi-directional audio streaming support | • Microphone built-in<br>• External microphone input<br>• Audio output<br>• Bi-directional audio streaming support | • Microphone built-in<br>• External microphone input<br>• Speaker built-in<br>• Audio output<br>• Bi-directional audio streaming support<br>• Audio detection | • Microphone built-in<br>• External microphone input<br>• Speaker built-in<br>• Audio output<br>• Bi-directional audio streaming support<br>• Audio detection | • External microphone input<br>• Audio output<br>• Bi-directional audio streaming support<br>• Audio transmission via network |
| Main stream frame rate | 25 fps @ 5 Mpx | 25 fps @ 12 Mpx | 25 fps @ 5 Mpx | 25 fps @ 6.3 Mpx | • 20 fps @ 12 Mpx<br>• 25 fps @ 9 Mpx | 25 fps @ 5 Mpx |
| Network interface | 10/100 Base-T (RJ-45) | 10/100/1000 Base-T (RJ-45) | 10/100 Base-T (RJ-45) | 10/100/1000 Base-TX (RJ-45) | 10/100/1000 Base-TX (RJ-45) | 10/100 Base-T (RJ-45) |
| Network protocols | IPv4/IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, SNMP, IEEE 802.1x | IPv4/IPv6<br>HTTP, TCP, UDP, ARP, RTP, RTCP, RTSP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, PPPoE, SNMP, IEEE 802.1x | IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTCP, RTSP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, SNMP | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, IEEE 802.1x, QoS, IPv6, UDP, Bonjour, P2P |
| Memory card slot | Micro SD memory cards up to 256GB support (possible local recording) | Micro SD memory cards up to 256GB support (possible local recording) | Micro SD memory cards up to 256GB support (possible local recording) | Micro SD memory cards up to 256GB support (possible local recording) | Micro SD memory cards up to 256GB support (possible local recording) | Micro SD memory cards up to 128GB support (possible local recording) |
| Mobile phones support | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application DMSS<br>• iOS (iPhone): Free application DMSS | | | Port no.: 8000 or access by a cloud (P2P)<br>• Android: Free application iVMS-4500, Android: Free application Hik-Connect<br>• iOS (iPhone): Free application iVMS-4500, iOS (iPhone): Free application Hik-Connect | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application iVMS-4500, Android: Free application Hik-Connect<br>• iOS (iPhone): Free application iVMS-4500, iOS (iPhone): Free application Hik-Connect | Port no.: 8000 or access by a cloud (P2P)<br>• Android: Free application BCS View<br>• iOS (iPhone): Free application BCS View |
| Default IP address | 192.168.1.108 | 192.168.1.108 | 192.168.1.108 | 192.168.1.64 | 192.168.1.64 | 192.168.1.64 |
| Default admin user / password | admin / -<br>The administrator password should be set at the first start | admin / - | admin / -<br>The administrator password should be set at the first start | admin / -<br>The administrator password should be set at the first start | admin / -<br>The administrator password should be set at the first start | admin / -<br>The administrator password should be set at the first start |
| Web browser access ports | 80, 37777 | 80, 37777 | 80, 37777 | 80 | 80 | 80 |
| PC client access ports | 37777 | 37777 | 37777 | Port no.: 8000 or access by a cloud (P2P) | Port no.: 8000 or access by a cloud (P2P) | Port no.: 8000 or access by a cloud (P2P) |
| Mobile client access ports | 37777 | 37777 | 37777 | 8000 | 8000 | 8000 |
| Port ONVIF | 80 | 80 | 80 | 80 | 80 | 80 |
| WEB Server | Built-in | Built-in | Built-in | - | - | Built-in |
| RTSP URL | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream | • Main stream<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization<br>• Sub stream<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization | • Main stream<br>rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization<br>• Sub stream<br>rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization<br>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization | •<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>•<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream |
| ONVIF | ✓ | ✓ | ✓ | 16.12 | 16.12 | ✓ |
| Max. number of on-line users | 20 | 20 | 20 | 20 | 20 | 6 |
| Main features | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• Possibility to change the resolution, quality and bit rate<br>• Time mark and image description<br>• Privacy zones - max. 4<br>• Motion Detection - max. 4 zones<br>• Heat map - the selection in the image by corresponding colors the areas with different traffic<br>• Configurable: brightness, contrast, saturation<br>• IVS analysis : crossing the line (tripwire), intrusion, people counting - support for 4 independent detection areas | • D-WDR - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• ROI - improve the quality of selected parts of image<br>• BLC/HLC - Back Light / High Light Compensation<br>• Configurable: brightness, contrast, saturation<br>• AGC - Automatic Gain Control<br>• Possibility to change the resolution, quality and bit rate<br>• Auto White Balance<br>• Privacy zones - max. 4<br>• Motion Detection - max. 4 zones<br>• Heat map - the selection in the image by corresponding colors the areas with different traffic<br>• IVS analysis - crossing the line (tripwire), intrusion, counting people in a given area<br>queue management - support for 4 independent detection areas, detection of people gathering | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• SSA - Smart Scene Adaptive - intelligent scene adaptation by automatically adjusting the exposure parameters to obtain a better image<br>• BLC/HLC - Back Light / High Light Compensation<br>• Configurable: brightness, contrast, saturation<br>• AGC - Automatic Gain Control<br>• Possibility to change the resolution, quality and bit rate<br>• Auto White Balance<br>• Privacy zones - max. 4<br>• Motion Detection - max. 4 zones<br>• Heat map - the selection in the image by corresponding colors the areas with different traffic<br>• IVS analysis - crossing the line (tripwire), intrusion, counting people in a given area - support for 4 independent detection areas - Statistical Reporting | • Intelligent image analysis : Target Count - Statistical Reporting, crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, abandoned/missing object<br>• Heat map - the selection in the image by corresponding colors the areas with different traffic<br>• 3D-DNR - Digital Noise Reduction<br>• D-WDR - Wide Dynamic Range<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its<br>• ROI - improve the quality of selected parts of image<br>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect<br>• BLC - Back Light Compensation<br>• HLC - High Light Compensation (spot)<br>• Possibility to change the resolution, quality and bit rate<br>• Time mark and image description<br>• Image rotation and mirror<br>• Configurable: brightness, contrast, saturation<br>• Privacy zones<br>• Motion Detection | • Intelligent image analysis : Target Count - Statistical Reporting, crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area, abandoned/missing object<br>• Heat map - the selection in the image by corresponding colors the areas with different traffic<br>• 3D-DNR - Digital Noise Reduction<br>• D-WDR - Wide Dynamic Range<br>• F-DNR (Defog) - Reduction of image noise caused by precipitation<br>• ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its<br>• ROI - improve the quality of selected parts of image<br>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect<br>• BLC - Back Light Compensation<br>• HLC - High Light Compensation (spot)<br>• Possibility to change the resolution, quality and bit rate<br>• Time mark and image description<br>• Image rotation and mirror<br>• Configurable: brightness, contrast, saturation<br>• Privacy zones<br>• Motion Detection | • WDR - 120 dB - Wide Dynamic Range<br>• 3D-DNR - Digital Noise Reduction<br>• ROI - improve the quality of selected parts of image<br>• BLC - Back Light Compensation<br>• Possibility to change the resolution, quality and bit rate<br>• Time mark and image description<br>• Image rotation and mirror<br>• Configurable: brightness, contrast, saturation<br>• Privacy zones<br>• Motion Detection<br>• intelligent image analysis : crossing the line (tripwire), intrusion |
| Power supply | • PoE (802.3af),<br>• 12 V DC / 280 mA | • PoE (802.3at),<br>• 12 V DC / 1.68 A | • PoE (802.3af),<br>• 12 V DC / 610 mA | • PoE (802.3at),<br>• 12 V DC / 1 A | • PoE (802.3at),<br>• 12 V DC / 1 A | • PoE (802.3af),<br>• 12 V DC / 500 mA |
| Power consumption | ≤ 5 W @ 12 V DC<br>≤ 6 W @ PoE | max. 13.9 W (max) @ PoE<br>max. 13 W (max) @ 12 V DC | • ≤ 8.8 W @ PoE<br>• ≤ 7.3 W @ 12 V DC | • ≤ 15 W @ PoE (802.3at)<br>• ≤ 12.5 W @ 12 V DC | • ≤ 15 W @ PoE (802.3at)<br>• ≤ 12.5 W @ 12 V DC | ≤ 6 W |
| Housing | Dome - Metal | Dome - Metal | Dome - Metal + Plastic | Dome - Metal | Dome - Metal | Dome - Metal |
| Color | White | White | White + Black | White | White | White |
| "Index of Protection" | IP67 | IP67 | — | IP67 | IP67 | - |
| Vandal-proof | IK10 | IK10 | — | IK10 | IK10 | — |
| Operation temp | -30 °C ... 55 °C | -40 °C ... 60 °C | -10 °C ... 50 °C | -40 °C ... 60 °C | -40 °C ... 60 °C | -10 °C ... 50 °C |
| Weight | 0.38 kg | 0.87 kg | 0.32 kg | 0.72 kg | 0.72 kg | 0.32 kg |
| Dimensions | Ø 110 x 62 mm | Ø 150 x 60 mm | Ø 126 x 45 mm | 167 x 153 x 55 mm | 167 x 153 x 55 mm | Ø 120 x 41 mm |
| Supported languages | Polish, English | Polish, English, Czech, Fwench, Italian, Spanish, Dutch, German, Portuguese, Russian | Polish, English, Czech, French, Italian, Spanish, Dutch, German, Portuguese, Russian | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian | Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian |
| Manufacturer / Brand | DAHUA | DAHUA | DAHUA | Hikvision | Hikvision | BCS View |
| SAP Code | | | | 311302251 | 311302234 | |
| Guarantee | 3 years | 3 years | 3 years | 3 years | 3 years | 3 years |

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