





GL-1IPB

Specification: 5MP IR IP Outdoor Smart AI Bullet Camera

Introduction:

Al Smart Analysis IP Bullet Camera, S265/H.265/H.264 compression format, with embedded human tracking capture algorithm, support to detect 5-10 person at the same time under complicated environment, support human and vehicle detection voice light alert and draw frame for appointed area to alarm, support six smart analysis function (Area Intrusion, Line-Crossing Detection, Loitering, absent alarm, Vehicle illegal Parking, Vehicle retrograde), max interpolation 5MP(2592*1944@25fps), built-in amplifier board, support two-way audio Intercom and voice light broadcast, D-WDR, 3D DNR, support 4 kinds of lights mode: dual light, warm Light, Infrared CDS or Sensor Trigger, support Onvif

Key Features:

- Resolution 5MP(2592*1944@25fps).
- Support area Intrusion, Line-Crossing detection, loitering, absent alarm, vehicle illegal parking, Vehicle retrograde
- Built-in humanoid detection algorithm.
- Detection frame 5fps, detect 5 people at the same time.
- Support day arming /night arming mode;
- Support to configure the customized arm time by week, with 4 time periods per day;
- Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);
- Support video stream overlay detection frame;
- Support specified target type detection: human, motor vehicle (non-motor vehicle also can be detected);
- Linkage setting support: upload mail \ voice broadcast alarm \ alarm light
- Low consumption, low code stream, low delay.
- Support smart 265 to save bandwidth and storage space.
- Support Smart IR to avoid Infrared over-exposure at night.
- Support ICR auto switch, achieve best result for D&N video
- Support PoE.
- Support 3D DNR and digital WDR.
- Support auto-electronic shuttle to suit different surveillance environment.
- Support Alarm Recording Linkage.
- Support two-way audio intercom.
- Support HTTPS encrypted transmission.
- Support Onvif, email, NTP service.
- Change the password during initial use to ensure the security of the password.
- BIS, CE, ISO, FCC & ROHS Certified.









Specification: 5MP IR IP Outdoor Smart AI Bullet Camera

CAMERA Image Sensor 1/2.7", SMP low illumination Progressive Scan CMOS Sensor Lens Type Fixed-focal Lens Mich Cfm (2.8mm 8.3.6mm Optional) Day/Night Switch, auto/color/B&W/CDS trigger/ customized time Devoid D-WOR 120d8 WOR (Disable/Low/Middle/High) IB Board Control IR/warm/dual light, auto/manual/off, support 0-100 brightness adjust Electronic Shutter AUTO; 1/25s~1/100000s 3DNR Disable/Low/Middle/High/High/Highest Min. Illumination 0.001 LW © F1.4, AGC ON; 0 LUX with IR IR LED Distance 30 Meters. Defog Disable/Low/Middle/High Mirror Disable/Low/Middle/High Image Setting Brightness, Sharpness, Contrast, Saturation, HUE Image Setting Support day arming / night arming mode, Support to configure the customized arm time by week, with 4 time period occlusion Alara Occlusion Alar Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six point Support video stream overlay detection frame Line-Cross Detection Support one detection frame setting [10-3600]S Assent Alarm Support one detection frame setting [10-3600]S Loatering <th></th> <th></th>		
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Loitering Support Loitering time setting[10-3600]5 Absent Alarm Support absent time setting [10-3600]5 Absent Alarm Support absent time setting [10-3600]5 Vehicle lilegal Parking Support absent time setting [10-3600]5 Vehicle Retrograde Support absent time setting [10-3600]5 Standard S265 / H.265 / H.266 Main Stream: PAL: Interpolation SMP[2592*1944@25fps], AMP[2506*1440@30fps], 3MP[2304*1296@30fp [2102*1080@30fps], Sub-stream: PAL: Dir20*576) @25fps, VGG.(40*480)@25fps, Q720P(640*360)@25fps, VTSC: D1(720*576)@30fps, VGG.(4640*480)@30fps, G720P(640*360)@30fps] Max Resolution SMP[2592*1944@25fps] SMP(250*1140@30fps, C720P(640*360)@30fps] Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.7111/G.7114 8K 6bit Network Protocol TCP/IP/HTTP/HTTPs/NTP/IGMP/ DHCP/ UDP/SMTP/RTP/RTCP/RTSP/ARP /DDNS/DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ ISMP/ TIS Standard Protocol Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 1 area Privacy Mask Can set 1 area		Support video stream overlay detection frame
Absent Alarm Support absent time setting [10-3600] \$; Support at least 1-3 people on duty; Vehicle Illegal Parking Support Illegal parking time setting [10-3600]5 Vehicle Retrograde Support Four detection intertions, Detection line support B->A direction Standard S265 / H.265 / H.264 Main stream: PAL: Interpolation SMP[2592*1944@25fps], 4MP(2560*1440@25fps], 3MP(2304*1296@25fps], 2MP(1320*1080@30fps, Sub-stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps,Q720P(640*360)@325fps/ NTSC: D1(720*576)@30fps, VGA(640*480)@30fps,Q720P(640*360)@30fps Max Resolution SMP[2592*1944@25fps] Video Code Rate Fixed code rate, variable code rate Video Code Rate Fixed code rate, variable code rate Video Standard G.711u/G.711A 8K 64bit Network Protocol OC//P/P / HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPV4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE Bool.2.1/ Muiticast / ICMP/ IGMP/ TIS Standard Protocol ONVIF Profile S, G & T / Slink / IBH / TST Protocol Occlusion Alarm Can set 1 area Opo/SU UPN fonjour/ IEEE Bool.2.1/ Muiticast / ICMP/ IGMP / IS Standard Protocol ONVIF Profile S, G & T / Slink / IBH / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set dete	Line-Cross Detection	Support one detection line, supports detection directions: A->B
Vehicle illegal Parking Support illegal parking time setting[10-3600]S Vehicle Retrograde Supports Four detection directions, Detection line support B->A direction Standard S265 / H.265 / H.264 Encoding Feature Main stream: PAL: Interpolation SMP(2592*1944@25fps), 4MP(2560*1440@30fps), 3MP(2304*1296@30fp (1920*180@30fps, Sub-Stream: PAL: D1/20*576) @25fps, VSA(640*480)@25fps,Q720P(640*360)@25fps/NTSC: D1/720*576)@30fps, VGA(640*480)@30fps,Q220FgA/TSC: D1/720*576)@30fps Max Resolution SMP(2592*1944@25fps) Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit Network Protocol TCP/IP/ HTTP/ HTTP/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Sink / I&H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 1 area Privacy Mask Support time oSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port R145 10M/100M netw	Loitering	
Vehicle Retrograde Supports Four detection directions, Detection line support B->A direction AUDIO & VIDEO ENCODING AUDIO & VIDEO ENCODING Standard S265 / H.265 / H.264 Encoding Feature Main stream: PAL: Interpolation SMP(2592*1944@25fps), 4MP(2560*1440@23fps), 3MP(2304*1296@30fp SUD-Stream: PAL: D1/20*576) @ 25fps, VGA(640*480)@25fps,Q720P(640*360)@25fps,NTSC: D1/720*576)@30fps, VGA(640*480)@30fps,Q720P(640*360)@30fps Max Resolution SMP(2592*1944@25fps) Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit Network Protocol TCP/IP/HTTP/HTTP/NTP/IGMP/DHCP/ UDP/SMTP/RTP/RTCP/RTSP/ARP/DDNS/DNS/PPP0E/ IPv4/v6/KC/ QoS/UPnP/Bonjour/IEEE 802.1x/ Multicast/ ICMP/ IGMP/TLS Standard Protocol ONVIF Profile S, 6 & T / Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set nulti-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 area sprivacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Authorized usen not support titic OSD, multi		Support absent time setting [10-3600] S; Support at least 1-3 people on duty;
AUDIO & VIDEO ENCODING Standard S265 / H.265 / H.264 Main stream: PAL: Interpolation SMP(2592*1944@25fps), 4MP(2560*1440@325fps), 3MP(2304*1296@25fps), 2MP Encoding Feature (1920*1080@230fps, Sub-stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps,Q720P(640*360)@25fps, NTSC: D1(720*576)@30fps, YGA(640*480)@30fps,Q720P(640*360)@30fps Max Resolution SMP(2592*1944@225fps) Video Code Rate Fixed code rate, variable code rate Video Code Rate Fixed code rate, variable code rate Video Standard G.7111/G.711A 8K 64bit Audio Standard G.7111/G.711A 8K 64bit Network Protocol TCP/IP/ HTTP/ HTTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS / UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Moticus Alarm Can set 1 area Privacy Mask Can set 1 area Charcet Overlay (OSD) Support disconnection alarm, IP conflict alarm, illegal access alarm Charcet Overlay (OSD) Support disconnection alarm, IP conflict alarm, illegal access alarm Charcetor Overlay (OSD) Support disconnealar	Vehicle illegal Parking	
Standard \$265 / H.265 / H.264 Encoding Feature Main stream: PAL: Interpolation SMP(2592*1944@25fps), 4MP(2560*1440@30fps), 3MP(2304*1296@25fps), 2MP [1920*1080@30fps, Sub-Stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps,Q720P(640*360)@25fps,NTSC: D1(720*576)@30fps, VGA(640*480)@30fps,Q720P(640*360)@30fps Max Resolution SMP[2592*1944@25fps] Max Resolution SMP[2592*1944@25fps] Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.7111/G.711A 8K 64bit Network Protocol CCP/IP/ HTTP/ HTTPs/ NTP/ IGMP/ DECP/ UDP/ SMTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/M Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / 18H / TST Protocol Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email / FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port RJ45 10M/100M network self	Vehicle Retrograde	Supports Four detection directions, Detection line support B->A direction
Main stream: PAL: Interpolation 5MP(2592*1944@25fps), 4MP(2560*1440@25fps), 3MP(2304*1296@25fps), 2MP Encoding Feature Main stream: PAL: Interpolation 5MP(2592*1944@25fps), 4MP(2560*1440@30fps), 3MP(2304*1296@30fps), 2MP(1320*1080@30fps, C) Sub-stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps, Q720P(640*360)@25fps/NTSC: D1(720*576)@30fps, VGA(640*480)@30fps, Q720P(640*360)@30fps, Q720P(640*360)@30fps, Q720P(640*360)@30fps, G) Wideo Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit Network Protocol TCP/IP/ HTTP/ MTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / I8H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, Contacter Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 136pt, </td <td></td> <td>AUDIO & VIDEO ENCODING</td>		AUDIO & VIDEO ENCODING
Encoding Feature [1920*1080@25fps/ NTSC: Interpolation 5MP[2592*1944@25fps], 4MP[2560*1440@30fps], 3MP[2304*1296@30fps], 2MP[1920*1080@30fps, Sub-stream: PAL: D1[720*576] @25fps, VGA[640*480]@25fps,Q720P[640*360]@25fps/ NTSC: D1[720*576]@30fps, VGA[640*480]@30fps,Q720P[640*360]@30fps Max Resolution 5MP[2592*1944@25fps] Video Code Rate Fixed code rate, variable code rate Video Standard G.711u/G.711A 8K 64bit Network Protocol TCP/IP/ HTTP/ NTP/ NTP/ NTP/ NTP/ NTP/ RTP/ RTP/ RTP/ RTP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / ISH / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Autor Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support Operating Environment -QC* 50* 0.5* 0.5* 0.5* 0.5* 0.5* 0.5* 0.5*	Standard	S265 / H.265/ H.264
2MP[1920*1080@30fps, Sub-stream: PAL: D1[720*576] @25fps, VGA(640*480)@25fps,Q720P[640*360)@25fps/ NTSC: D1[720*576]@30fps Max Resolution SMP[2592*1344@25fps] Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit NETWORK FUNCTION Network Protocol TCP/IP/ HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ IGMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, 6& T1 Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 1 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support disconnection alarm, IP conflict alarm, illegal access alarm	Encoding Feature	Main stream: PAL: Interpolation 5MP(2592*1944@25fps), 4MP(2560*1440@25fps), 3MP(2304*1296@25fps), 2MP
Sub-stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps,Q720P(640*360)@25fps,VTSC: D1(720*576)@30fps,VGA(640*480)@30fps Max Resolution SMP[2592*1944@25fps] Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit NETWORK FUNCTION Network Protocol TCP/IP/HTTP/HTTP/MTP/IGMP/DHCP/UDP/SMTP/RTP/RTCP/RTSP/ARP/DDNS/DNS/PPPoE/IPv4/v6/KC/QoS/UPnP/Bonjour/IEEE 802.1x/ Multicast/ICMP/IGMP/TLS Standard Protocol ONVIF Profile S, G & T / Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set tareas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support time OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, Composite Stream Aution MIC Input/ Output Buit-in with amplifier		(1920*1080@25fps/ NTSC: Interpolation 5MP(2592*1944@25fps), 4MP(2560*1440@30fps), 3MP(2304*1296@30fps),
VGA(640*480)@30fps,Q720P(640*360)@30fps Max Resolution 5MP[2592*1944@25fps] Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit NETWORK FUNCTION Network Protocol TCP/IP/ HTTP/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / I8H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port R145 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier OC************************************		2MP(1920*1080@30fps,
Max Resolution 5MP(2592*1944@25fps) Video Code Rate Fixed code rate, variable code rate Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit NETWORK FUNCTION Network Protocol TCP/IP/HTTP/HTTPs/NTP/IGMP/ DHCP/UDP/SMTP/RTP/RTCP/RTSP/ARP/DDNS/DNS/PPPoE/IPv4/v6/KC/QoS/UPnP/Bonjour/IEEE 802.1x/ Multicast/ICMP/ IGMP/TLS Standard Protocol ONVIF Profile S, G & T / Slink / I8H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 1 area Privacy Mask Can set 1 area Privacy Mask Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier Oever Supply Poke (802.3af), 12VDC Cen Oever Consumption Power Sup		Sub-stream: PAL: D1(720*576) @25fps, VGA(640*480)@25fps,Q720P(640*360)@25fps/ NTSC: D1(720*576)@30fps,
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Video Type Composited stream/video stream Audio Standard G.711u/G.711A 8K 64bit NETWORK FUNCTION Network Protocol TCP/IP/ HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / I8H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support dime OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, Metwork Port RI45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <20 V < 4.5 W with IR ON	Max Resolution	5MP(2592*1944@25fps)
Audio Standard G.711u/G.711A 8K 64bit Network Protocol TCP/IP/HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIP Profile S, G & T / Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port R145 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <20° < 50°C, 0% ~ 90% HUMIDITY	Video Code Rate	Fixed code rate, variable code rate
NETWORK FUNCTION Network Protocol TCP/IP/ HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / IBH / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <2W / <4.5W with IR ON	Video Type	Composited stream/video stream
Network Protocol TCP/IP/ HTTP/ HTTP/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTCP/ RTCP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/ QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / 18H / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier Power Supply PoE (802.3af), 12VDC Power Consumption -20°C~ 50°C, 0% ~ 90% HUMIDITY Dimensions (mm) Φ 64 x 183 Weather Proof Rating IP67, IK10	Audio Standard	G.711u/G.711A 8K 64bit
QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / ISH / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, FORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input / Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <2 W / < 4.5 W with IR ON		NETWORK FUNCTION
QoS/ UPnP/ Bonjour/ IEEE 802.1x/ Multicast/ ICMP/ IGMP/ TLS Standard Protocol ONVIF Profile S, G & T / Slink / ISH / TST Protocol Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, FORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input / Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <2 W / < 4.5 W with IR ON	Network Protocol	TCP/IP/ HTTP/ HTTPs/ NTP/ IGMP/ DHCP/ UDP/ SMTP/ RTP/ RTCP/ RTSP/ ARP /DDNS /DNS/ PPPoE/ IPv4/ v6/ KC/
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Security Mode Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption <2 W / < 4.5 W with IR ON	Standard Protocol	ONVIF Profile S, G & T / Slink / I8H / TST Protocol
Motion Detection Set detection area, can set multi-level sensitivity Occlusion Alarm Can set 1 area Privacy Mask Can set 4 areas privacy Schedule Linkage Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming Abnormal Detection Support disconnection alarm, IP conflict alarm, illegal access alarm Character Overlay (OSD) Support time OSD/Title OSD, multi-line OSD (two lines); Main stream font support 12-60pt, sub stream font support 36pt, PORT PORT Network Port RJ45 10M/100M network self-adaptation Audio MIC Input/ Output Built-in with amplifier GENERAL Power Supply PoE (802.3af), 12VDC Power Consumption Power Supply PoE (802.3af), 12VDC Power Supply PoE (802.3af), 12VDC Power Supply PoE (802.3af), 12VDC Power Consumption <2 W / < 4.5 W with IR ON	Security Mode	
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