



## **Key Features**

- Max. 1920 × 1080 @ 30fps
- H.265+, H.264+, H.265, H.264
- 120dB WDR
- Color: 0.005 Lux @ (F1.2, AGC ON),0.007 Lux
   @ (F1.4, AGC ON), 0 Lux with IR
- False alarm reduction by human and vehicle target classification based on deep learning

- 12 VDC & PoE (802.3af, class 3)
- IR range: Up to 30 m
- Support on-board storage, up to 128 GB
- IP67, IK10
- BLC/3D DNR/ROI

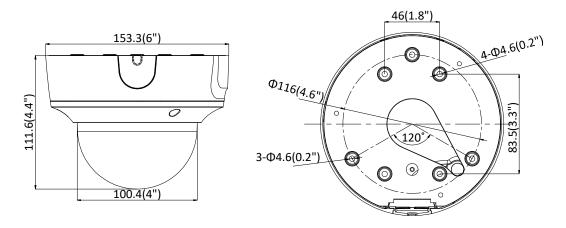
# Specification

Image Sensor         1/2.8" Progressive Scan CMOS           Min. Illimination         Color: 0.005 Lux @ (FL2, AGC ON), 0.007 Lux @ (F1.4, AGC ON), 0 Lux with IR           Show Shutter         Yes           Day Shight         IR cut filter           Ugital Noise Reduction         3D DIR           Wide Dynamic Range         120d8           3-Axis Adjustment         Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"           Lens         Lens           Focal length         2.8 mm to 12 mm           Aperture         F1.4           Focus         Auto           FOV         Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"           Lens Mount         014           RR         Mange           Wavelength         350 nm           Compression Standard         Video Compression Standard           Video Compression         Main stream: H.265/H.264           Sub stream: H.265/H.264         Sub stream: H.265/H.264           H.264 Type         Main profile           H.265 Type         Main profile High Profile           H.265 Type         Main stream supports           H.265 Type         Main stream supports           Video Bit Rate         32 Kbps to 16 Mbps <td <="" colspan="2" th=""><th>Camera</th><th></th></td>	<th>Camera</th> <th></th>		Camera	
Shutter Speed         1/3 s to 1/100,000 s           Slow Shitter         Yes           Day & Night         IR cut filter           Digital Noise Reduction         3D DNR           Wide Dynamic Range         120dB           3-Axis Adjustment         Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°           Lens         Colleget           Focal length         2.8 mm to 12 mm           Aperture         F1.4           Focus         Auto           FOV         Horizontal FOV: 113° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 137° to 37°           Lens Mount         0.14           IR         Range         Up to 30 m           Wavelength         850 nm           Compression Standard         Video Compression Standard           Video Compression         Main stream: H.265/H.264           Sub stream: H.265/H.264         Sub stream: H.265/H.264           L.264 Type         Main stream supports           H.265 Type         Main stream supports           H.265 Wideo Bit Rate         32 Kbps to 16 Mbps           Smart Feature-set         In Expert Classification based on deep learning detection, region entrance detection, region exit detection, region exit mace detection, region exiting detection, region entrance detection and region exiting detection, intrusion detection, region entrance	Image Sensor	1/2.8" Progressive Scan CMOS		
Slow Shutter   Yes     Day & Night   IR cut filter     Digital Noise Reduction   3D DNR     Wide Dynamic Range   120dB     3-Aws Adjustment   Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"     Lens	Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON),0.007 Lux @ (F1.4, AGC ON), 0 Lux with IR		
Day & Night IR cut filter  Digital Noise Reduction 3D DNR  Wide Dynamic Range 120dB  3-Axis Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"  Lens  Focal length 2.8 mm to 12 mm  Aperture F1.4  Focus Auto  FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"  Lens Mount D14  IR Range Up to 30 m  Wavelength S50 m  Wavelength S50 m  Wavelength Sibner H.265/H.264 Sub stream: H.265/H.264 Sub stream: H.265/H.264 H.264 Type Main Profile High Profile H.265+ Wain stream supports  H.265 Type Main stream supports  Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, felice large telassification based on deep learning When H.265+, three streams or motion detection; region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region e	Shutter Speed	1/3 s to 1/100,000 s		
Digital Noise Reduction 3D DNR  Wide Dynamic Range 120dB  3-Asis Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"  Lens  Focal length 28 mm to 12 mm  Aperture F1.4  Focus Auto  FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"  Lens Mount D14  IR Range Up to 30 m  Wavelength 850 nm  Compression Standard  Video Compression Main stream: H.265/H.264 Sub stream: H.265/H.264 Sub stream: H.265/H.264 Sub stream: H.265/H.264 Main stream supports H.265+ Main stream supports Video Bit Rate 32 kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region entrance detection and region exiting detection, intrusion detection, region en	Slow Shutter	Yes		
Wide Dynamic Range   120dB   Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"    Lens	Day &Night	IR cut filter		
3-Axis Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355"  Lens  Focal length 2.8 mm to 12 mm  Aperture F1.4  Focus Auto  FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"  Lens Mount D14  IR  IR  Range Up to 30 m  Wavelength 850 mm  Compression Standard  Video Compression Main stream: H.265/H.264 Sub stream supports Sub stream supports  Line crossing detection, intrusion detection, region entrance detection, region exting detection, and region exting detection, intrusion detection, region entrance detection and region exting detection, are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Innage  Main Stream SOH:: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream SOH:: 25fps (640 × 480, 640 × 360, 320 × 240) GOH:: 30fps (640 × 480, 640 × 360, 320 × 240) Innage Enhancement Innage Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software on web browser	Digital Noise Reduction	3D DNR		
Lens           Focal length         2.8 mm to 12 mm           Aperture         F1.4           Focus         Auto           FOV         Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"           Lens Mount         014           IR         Wavelouth           IR Range         Up to 30 m           Wavelength         850 nm           Compression Standard           Video Compression Standard           Wish in Stream Standard           Main stream: H.265/H.264           Sub stream: H.265/H.264           H.264 Type         Main Profile/High Profile           H.2654 Main stream supports           Video Bit Rate         32 Kbps to 16 Mbps           Smart Feature-set           Video Bit Rate           Sale Sharm reduction by human and vehicle target classification based on deep learning when a classed and each parming when a classed and each parming when a classed and each parming when a classed on deep learning detection, intrusion detection, region entrance detection and region exiting detection) are not supported.           ROI (Region of Interest)         Support 1 fixed region for main stream and sub stream separately           Image Settings           Main Stream         50Hz: 25fps (1920 × 1080, 128	Wide Dynamic Range	120dB		
Focal length	3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°		
Aperture F1.4 Focus Auto FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37" Lens Mount 014  IR IR Range Up to 30 m Wavelength 850 nm Compression Standard Video Compression Wain stream: H.265/H.264 Sub stream: H.265/H.264 Sub stream: H.265/H.264 H.264 Type Main Profile/High Profile H.264-1 Main stream supports H.265 Type Main Profile H.265+ Main stream supports Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection), irrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Main Stream  SOH2: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) GOH2: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Lens			
Focus Auto FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37" Lens Mount	Focal length	2.8 mm to 12 mm		
FOV Horizontal FOV: 113" to 32", vertical FOV: 59" to 18", diagonal FOV: 137" to 37"  Lens Mount  ### ### ### ### ### ### ### ### ### #	Aperture	F1.4		
Lens Mount R R R Range Up to 30 m Wavelength 850 nm  Compression Standard Video Compression Standard Video Compression Main stream: H.265/H.264 Sub stream: H.265/H.264 H.264 Type Main Profile/High Profile H.265 Type Main Profile H.265 Type Main stream supports Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Inage  Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Ethancement BLC/3D DNR Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Focus	Auto		
IR Range Up to 30 m  Wavelength 850 nm  Compression Standard  Video Compression Main stream: H.265/H.264 Sub stream: H.265/H.264 H.264 Type Main Profile/High Profile H.265+ Main stream supports H.265 Type Main Profile H.265+ Main stream supports Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning when H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution 1920 × 1080  Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement BLC/3D DNR  Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	FOV	Horizontal FOV: 113° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 137° to 37°		
IR Range     Up to 30 m       Wavelength     850 nm       Compression Standard       Video Compression     Main stream: H.265/H.264 Sub stream: H.265/H.264       H.264 Type     Main Profile/High Profile       H.265 Type     Main Profile       H.2655 Type     Main stream supports       Video Bit Rate     32 Kbps to 16 Mbps       Smart Feature-set       Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.       ROI (Region of Interest)     Support 1 fixed region for main stream and sub stream separately       Image     Support 1 fixed region for main stream and sub stream separately       Main Stream     50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)       Sub-Stream     50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)       Sub-Stream     50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)       Image Enhancement     BLC/3D DNR       Image Settings     Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Lens Mount	Ф14		
Wavelength     850 nm       Compression Standard       Video Compression     Main stream: H.265/H.264       H.264 Type     Main Profile/High Profile       H.265+     Main stream supports       H.265+     Main stream supports       Video Bit Rate     32 Kbps to 16 Mbps       Smart Feature-set       Behavior Analysis     Line crossing detection, intrusion detection, region entrance detection, region exit detection, faise alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.       ROI (Region of Interest)     Support 1 fixed region for main stream and sub stream separately       Image     50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)       Main Stream     50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)       Sub-Stream     50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)       60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)       Image Enhancement     BLC/3D DNR       Image Settings     Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	IR			
Compression Standard         Video Compression       Main stream: H.265/H.264         H.264 Type       Main Profile/High Profile         H.264+       Main stream supports         H.265 Type       Main Profile         H.265+       Main stream supports         Video Bit Rate       32 Kbps to 16 Mbps         Smart Feature-set         Behavior Analysis       Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning when H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.         ROI (Region of Interest)       Support 1 fixed region for main stream and sub stream separately         Image       Main Stream       1920 × 1080         Sub-Stream       50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) (60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)         SoHz: 25fps (640 × 480, 640 × 360, 320 × 240) (60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)         Image Enhancement       BLC/3D DNR         Image Settings       Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	IR Range	Up to 30 m		
Video CompressionMain stream: H.265/H.264H.264 TypeMain Profile/High ProfileH.264+Main stream supportsH.265 TypeMain ProfileH.265+Main stream supportsVideo Bit Rate32 Kbps to 16 MbpsSmart Feature-setBehavior AnalysisLine crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.ROI (Region of Interest)Support 1 fixed region for main stream and sub stream separatelyImageMain Stream50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)Sub-Stream50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 	Wavelength	850 nm		
Sub stream: H.265/H.264  H.264 Type	Compression Standard			
H.264 Type Main Profile/High Profile H.264+ Main stream supports H.265 Type Main Profile H.265+ Main stream supports Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution 1920 × 1080  Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement BLC/3D DNR  Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Video Communica	Main stream: H.265/H.264		
H.264+ Main stream supports  H.265 Type Main Profile  H.265+ Main stream supports  Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution 1920 × 1080  Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement BLC/3D DNR  Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	viaeo Compression	Sub stream: H.265/H.264		
H.265 Type Main Profile H.265+ Main stream supports Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution 1920 × 1080  SoHz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) GOHz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) GOHz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement BLC/3D DNR  Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	H.264 Type	Main Profile/High Profile		
H.265+ Main stream supports  Video Bit Rate 32 Kbps to 16 Mbps  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution 1920 × 1080  Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement BLC/3D DNR  Image Settings Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	H.264+	Main stream supports		
Video Bit Rate  Smart Feature-set  Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest) Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution  1920 × 1080  Soltz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream  50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) Image Enhancement  BLC/3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	H.265 Type	Main Profile		
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Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning  When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest)  Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution  1920 × 1080  Soltz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream  50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  Image Enhancement  BLC/3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Video Bit Rate	32 Kbps to 16 Mbps		
false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest)  Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution  1920 × 1080  Main Stream  50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream  50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  Image Enhancement  BLC/3D DNR  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Smart Feature-set			
line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.  ROI (Region of Interest)  Support 1 fixed region for main stream and sub stream separately  Image  Max. Resolution  1920 × 1080  50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream  50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  Image Enhancement  BLC/3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Behavior Analysis	false alarm reduction by human and vehicle target classification based on deep learning		
Image           Max. Resolution         1920 × 1080           Main Stream         50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)           60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)           Sub-Stream         50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)           60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)           Image Enhancement         BLC/3D DNR           Image Settings         Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser		line crossing detection, intrusion detection, region entrance detection and region exiting		
Max. Resolution       1920 × 1080         Main Stream       50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)         60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)         Sub-Stream       50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)         60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)         Image Enhancement       BLC/3D DNR         Image Settings       Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately		
Main Stream       50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)         60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)         Sub-Stream       50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)         60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)         Image Enhancement       BLC/3D DNR         Image Settings       Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Image			
Main Stream  60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)  50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)  60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  Image Enhancement  BLC/3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Max. Resolution	1920 × 1080		
60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)  Image Enhancement  BLC/3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Main Stream			
Image Settings  Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser	Sub-Stream			
Image Settings web browser	Image Enhancement	BLC/3D DNR		
Day/Night Switch Day/Night/Auto/Schedule/Triggered by Alarm In(-S)	Image Settings			
	Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In(-S)		

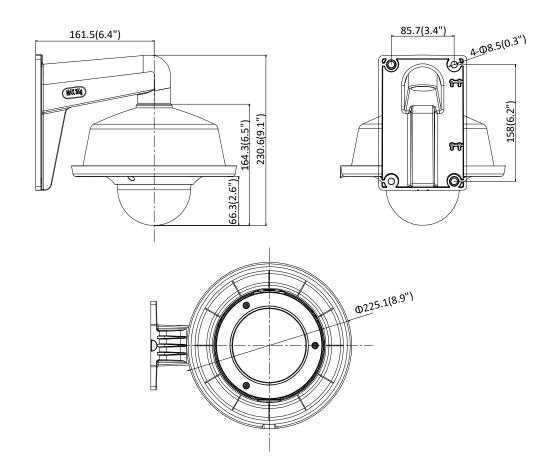
Audio (-S)	
Environment Noise Filtering	Yes
Sampling Rate	8kHz/16kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering
Firmware Version	V5.5.72
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, iVMS-5200, iVMS-4500
Web Browser	Plug-in required live view: IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ Plug-in free live view: Chrome 45.0+, Firefox 52.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.265 encoding and H.264 encoding support
Reset Button	Yes
Audio	1 audio input (line in), 1 audio output (line out), mono sound
Alarm	1 alarm input, 1 alarm output
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug POE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.9 A, max. 11 W PoE: (802.3af, 36 VDC to 57 VDC), 0.4 A to 0.2 A, max. 12.9 W
	IK10, IP67 (If the camera is installed outdoor, the bracket DS-1253ZJ-L should be used together
Protection Level	with other pendant mounting bracket or wall mounting bracket to reduce IR reflective in the
	rainy day)
Material	Front cover: metal, bottom base: metal, bubble: plastic
Dimensions	Camera: Φ 153.3 × 111.6 mm (Φ 6" × 4.4")
Weight	Camera: 890 g (2 lb.) With package: 1300 g (2.9 lb.)

## **Dimension**

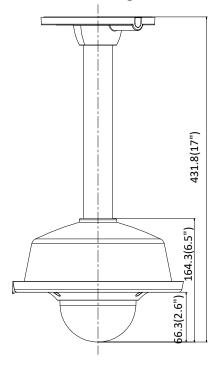
#### Camera:

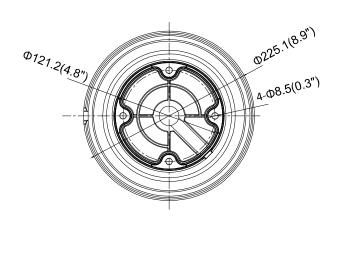


## Wall Mounting with the Bracket:



## Pendant Mounting with the Bracket:





Unit: mm(inch)