a hua

CAM-1991 4MP WDR IR Bullet Network Camera





- Outputs 4MP (2560 × 1440)@25/30 fps, max. supports 4MP (2688 × 1520)@20 fps
- H.265 coding, high compression ration, low bit rate
- Built-in IR LED, max IR distance: 50 m
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Max. 256 GB SD card
- 12V DC/POE power support
- IP67 protection



Starlight

Dahua Starlight technology mainly applies to the environment of low illumination, and it can provide clear colorful video. Even in the environment of min. illumination, the technology can guarantee the good image effect.

Intelligent Video Analysis (IVS)

With advanced video algorithm, Dahua camera supports intelligent detection, such as tripwire and intrusion and so on.

Protection (IP67, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows $\pm 30\%$ input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.



System Overview

With upgraded H.265 encoding technology, Dahua Lite series camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays better colorful image in the environment of low illumination. It supports SD card storage, waterproof function, dust-proof function , complying to the standards of IP67.

Functions

Smart(H.265+ & H.264+)

Adopting advanced algorithm of auto stream control according to the environment, Dahua smart encoding technology realizes the higher efficiency than (H.265 & H.264), providing high-quality video, and reducing the cost of storage and transmission.

Wide dynamic range (WDR)

Dahua adopts advanced Wide Dynamic Range (WDR) technology. You can get clear details in the environment of strong brightness contrast. In high brightness and back-light environment, bright region and dark region with strong light source, you can also get clear images.



Lite Series |CAM-1991

Technical Specification						
Camera						
Image Sensor		1/3" CMOS				
Effective Pixels		2688 (H) × 1520 (V)				
ROM		128 MB				
RAM		128 MB				
Scanning System		Progressive				
Electronic Shutter Speed		Auto/Manual 1/3 s-1/100000 s				
Min. Illumination		0.01 Lux@F1.6				
IR Distance		50 m (164.04 ft) (IR)				
IR On/Off Control		Auto/Manual				
IR LEDs Number		4 (IR LED)				
Pan/Tilt/Rotation Range		Horizonal: 0°–360° Vertical: 0°–90° Rotation: 0°–360°				
Lens						
Lens Type		Motorized vari-focal				
Mount Type		φ14				
Focal Length		2.7 mm-13.5 mm				
Max. Aperture		F1.6				
Field of View		Horizonal: 104°–27° Vertical: 55°–15° Diagonal: 124°–31°				
Optical Zoom		5 times				
Iris Type		Fixed				
Close Focus Distance		0.8m-0.8m (2.62 ft-2.62 ft)				
	Lens	Detect	Observe	Recognize	Identify	
DORI Distance	W	64 m (209.97 ft)	25.6 m (83.99 ft)	12.8 m (41.99 ft)	6.4 m (21.00 ft)	
	т	220 m (721.78 ft)	88 m (288.71 ft)	44 m (144.36 ft)	22 m (72.18 ft)	
Smart Event						
General IVS Analytics		Intrusion; tripwire				
Video						
Video Compression		H.265; H.264; H.264B; MJPEG				
Smart Codec		H.264: Yes H.265: Yes				
Video Frame Rate		50Hz Main stream (2560 × 1440@25 fps); sub stream (704 × 576@25 fps) Main stream (2688 × 1520@20 fps); sub stream (704 × 576@20 fps) 60Hz Main stream (2560 × 1440@30 fps); sub stream (704 × 480@30 fps) Main stream (2688 × 1520@20 fps); sub stream (704 × 480@20 fps)				
Stream Capability		Main stream; sub stream				
Resolution		2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 ×480); CIF (352 × 288/352 × 240)				

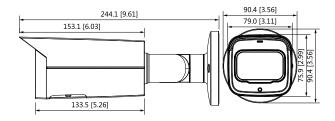
Bit Rate ControlCBR/VBRVideo Bit Rate7.365: 32 kbps-6144 kbps (265: 32 kbps-6144 kbps)Day/NightKS witchBLCVSVDR20.08White Balancekuts/natrul/street lamp/outdoor/manual/regional dist/ontrul/street lamp/outdoor/manual/regional methodGain ControlAuds/natrul/street lamp/outdoor/manual/regional dist/on DetectionNoise ReductionDDNRRegion of Interest(RolVS (4 areas)MirorVS (4 areas)MirorVS (5 areas)NetworkVS (100 Dase-T)ProtocolNOFPORES/PS/PS/PS/PS/PS/PS/PS/PS/PS/PS/PS/PS/PS		
Video bit Rate1,265: 12 kbps-6144 kbpsDay/NightCR switchBLCVesWDR120 dBWhite Balancekuto/natural/street lamp/outdoor/manual/regional customGain ControlJuto//natural/street lamp/outdoor/manual/regional customMotion DetectionDisable/Enable (4 areas, rectangle)Region of Interest(Rol)Yes (4 areas)MirrorYes (3 areas)MirrorYes (3 areas)NetworkHTP: TCP: ARP: RTSP: RTP: UDP: RTCP: SMTP: FTP: MCP: DNS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TCP: ARP: RTSP: RTP: UDP: RTCP: SMTP: FTP: MCP: DNS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TCP: ARP: RTSP: RTP: UDP: RTCP: SMTP: FTP: MCP: DNS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TCP: ARP: RTSP: RTP: UDP: RTCP: SMTP: FTP: MCP: DNS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TCP: ARP: RTSP: STP: SOL 1.% (CMP: GMP)InteroperabilityONVIF (Profile S/Profile G): CGI; Milestone; GenetectUser/HostSologe Sci DMS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TTP: MCP: DNS: DNS: PPPosi: INMA/SCI OS: UDPI: MTP: TTP: MCP: DNS: DNS: DACAT (max. 256 GB); NFSRouserOnusi Coud; FTP: Micro SD card (max. 256 GB); NFSRouserSologe Sci DMS: DNS: DNS: DMS:Anagement SoftwareSologe: Compatibility Directive DI/S/PRO: DNS: PPPosi: NMA/SCI OS: UDP: TSMTP: DI/S/PRO: DNS: PPPOsi: NMA/SCI OS: DACATPower SupplyIZ-CH-VD: ENEOSO-1 E-E-MD: E-E-MD: E-E-	Bit Rate Control	CBR/VBR
NumberBLCvsVDR120 dBWhite BalanceAuto/Manual/Street lamp/outdoor/manual/regional outsomGain ControlAuto/ManualNoise Reduction3D DNRMotion DetectionDisable/Enable (4 areas, rectangle)Region of Interest(Ro)VsSmart IRVsImage Rotation20'90'180'/270' (Supports 90'/270' with 2688 x1520) resolution.)MirorVsNetworkVsNetworkVsNetworkNumper, Stry, RTP; UDP, RTCP; SMTP; FTP; DCP, DNS; DDNS; PPD6; IPV4/KC (03C; UDPR, NTP; RTP, DNS; DDNS; PPD6; IPV4/KC (03C; UDPR, NTP; RTP, DNS; DDNS; PPD6; IPV4/KC (03C; UDPR, NTP; RTP, Mart, Maturias, HTTPS; STRP, SUDP; RTP; SDDP; STP1NetworkSurf (Profile S/Profile G); CG); Millestone; GenereNetroperabilityONVIF (Profile S/Profile G); CG); Millestone; GenereNetworkSurf (Profile S/Profile G); CG); Millestone; GenereStrongerSinge SingerManagement SoftwareSocy SpS DMSSAngagement SoftwareSinge SingerPowerSinger Singer Singer SingerProwerSinger Singer Singer Singer SingerPrower SupplySinge Sover consumption: 1.9W (12V DC), 2.8W (PCF) Singer Singer Singer Singer SingerProverSinger Singer Singer Singer Singer SingerProverSinger Singer Singer Singer SingerProverSinger Singer Singer Singer SingerProverSinger Singer Singer Singer SingerProverSinger Singer Singer SingerProverSinger Singer Singer Singer Singer <td>Video Bit Rate</td> <td></td>	Video Bit Rate	
WDRi20 dBWDRi20 dBWhite BalanceAlci/Marual/street lamp/outdoor/manual/regional ationGoin ControlAto/MarualNoise ReductionD DNRMition DetectionGoialo/Enable (4 areas, rectangle)Region of Interest(RO)YesImage RotationYesImage RotationVesPrivacy Masking4 areasProtocolRef. YesNetworkYesProtocolProtopy: Spy 270° (Supports 90°/270° with 2688 x1520)ProtocolVesProtocolVesProtocolStall (Stall Stall S	Day/Night	ICR switch
White BalanceAlta/natural/streat lamp/outdoor/manual/regional distomGion ControlAto/ManualNoise ReductionD DNRMotion DetectionD cable/Enable (4 areas, rectangle)Region of Interest(Ro)Ves (4 areas)Smart IRVesImage RotationGrobotics (Supports 907/270° with 2688 x1520)MirorVesPrivacy MaskingA erasaNetworkTUTP: TCP: ARP: RTSP: RTP: UDP: RTCP: SMTP: FTP: BCP: DNS: DDNS: PPPRef; IPV4/v6; OQS: UPPR; NTPProtocolSUNVE (Profile S/Profile G): Cold: UDP: RTCP: SMTP: FTP: DSD: SDDNS: PPPRef; IPV4/v6; OQS: UPPR; NTPRotroperabilityONVE (Profile S/Profile G): Cold: UDP: RTCP: SMTP: DDS: SDDNS: PPPRef; IPV4/v6; OQS: UPPR; NTPBrosserDiala Cloud; FTP; Micro SD card (max. 256 GB); NFSRotroperabilitySocialeManagement SoftwareSmtPS: SDS: SDMSSAnagement SoftwareSocialeCretificationCiercifonagenet: Compatibility Directive SC1/SUSDSC1 CARPPowerVerPower SonsphileStor Consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARPPower SonsphileSuppower consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARPPortorinometVerPortorinometSuppower consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARPPortorinometSuppower consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARPPortorinometSuppower consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARPPortorinometSuppower consumption (1.9% (12 CVC), 2.8% (NCP)) SC1/SUSDSC1 CARP <t< td=""><td>BLC</td><td>Yes</td></t<>	BLC	Yes
wine balancecustomGain ControlAuto/ManualGain ControlJD NRMotion DetectionDisable/Enable (4 areas, rectangle)Region of Interest(Roi)Ves (4 areas)Image Rotation0'90'/180'/270' (Supports 90'/270' with 2668 x 1520)MirrorVesImage RotationVesPrivacy Masking4 areasNetworkVesNetworkRef (Jol 100 Base-T)ProtocolRot (Jol 2005, SUPP); EIP2, May (Soc), SUPP); EIP2RoteorerSocial Condition (Soc), SUPP); EIP2Interoperability0N/NF (Porfile S/Profile C); CG; Milestone; GenetectUser/HostSocial Condition (Social Mentance)BrowserSocial Condition (Social Mentance)FortificationSocial Condition (Social Mentance)PowerSocial Condition (Social Mentance)Power ConsumptionSocial Condition (Social Mentance)FourierSocial Condition (Social Mentance)Power ConsumptionSocial Condition (Social Mentance)EnvironmentSocial Condition (Social Mentance)Fourier ConsumptionSocial Condition (Social Mentance)EnvironmentSocial Consumption (Social Mentance)Fourier ConsumptionSocial Condition (Social Mentance)EnvironmentSocial Consumption (Social Mentance)EnvironmentSocial Consumption (Social Mentance)EnvironmentSocial Consumption (Social Mentance)EnvironmentSocial Consumptio	WDR	120 dB
Noise ReductionJO DNRNotion DetectionDisable/Enable (4 areas, rectangle)Region of Interest(Rol)Yes (4 areas)Smart IRO'/90'/180'/270' (Supports 90'/270' with 2688 × 1520MirrorVesImage RotationO'/90'/180'/270' (Supports 90'/270' with 2688 × 1520MirrorYesPrivacy Masking4 areasNetworkKat 61 (J100 Base-T)ProtocolPHCP: DNS: PPDeP: IPV4/Ye: 005: UPPP; NTP; MUTP: MUTC: SDNS: PPDeP: DDS: PPDeP: DDS: UPPPR: TDP; MUTP: MUTC: SDNS: PPDEP: DDS: UPPR: TDP: MUTP: MUTC: SDNS: PDEP: DDS: UPPR: TDP: MUTP: MUTC: SDNS: PDEP: DDS: UPPR: TDP: MUTP: MUTC: SDNS: PDEP: DDS: UPPR: TDP: MUTP: MUTC: SDNS: DDS: DDS: DDS: DDS: DDS: DDS: DD	White Balance	
Notion DetectionDisable/Enable (4 areas, rectangle)Region of Interest(Rou)Yes (4 areas)Smart IRVesImage Rotation0'90'/180'/270' (Supports 90'/270' with 2688 × 1520MirrorVesPrivacy Masking4 areasNetworkKareasProtocolRe.45 (10/100 Base-T)ProtocolNUF (Profile S/Profile G): CGI; Mileston; GenetecInteroperability0NUF (Profile S/Profile G): CGI; Mileston; GenetecUser/Host20BrowserDisable/Sprofile G): CGI; Mileston; GenetecManagement SoftwareSingel GasMolie PhoneIos; AndroidCertificationsCE-UDS: ENGOSO-1 CC: 47 CFR FCC Part 15, Subpart B U: UG0950-1 CANPower SupplyIv2 (D/POEPower SupplyIv2 (D/POEPower SupplySis (power consumption: 1.9W (122 DC), 2.8W (POE) Max power consumption: 1.9W (122 DC), 2.8W (POE)FuriornentSisCuriornentSisPorearing Temperature30°C to +60°C (22°F to +140°F)Grange TemperatureSisGorage Temperature40°C to +60°C (40°F to +140°F)Grange TemperatureSisSis Consumption: 1.9W (122 DC), 2.8W (DE) Max power consumption: 1.9W (122 DC), 2.8W (DE) Max power consumption: 1.9W	Gain Control	Auto/Manual
Region of Interest(Roid)Ves (4 areas)Region of Interest(Roid)Ves (4 areas)Smart IR(7907/1807/270° (Supports 90°/270° with 2688 ×1520)Image RotationVesMirror4 areasPrivacy Masking4 areasNetworkR-45 (10/100 Base-T)NetworkDHCP, DNS, DNS, PPPOE, IPVA/KG, GOS; UPPOF, NTP; RTMP; Multicast; HTTPS; STP; UDP; RTCP; SMTP; PTP; InteroperabilityInteroperability0NVIF (Profile S/Profile G); CGi; Milestone; GenetecUser/Host20BrowserIf Google FirefoxMobile PhoneIo; AndroidCertificationsCE-LVD: EN60950-1 CC: 47 CER FCC Part 15, Subpart B U: UG0950-1 CANPowerUSV/POEPower Supply12 VDC/POEPower Consumption12 VDC/POEFurifox Support Consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (12V DC), 2.8W (POE)Furiforment	Noise Reduction	3D DNR
Smart IRYesImage Rotation?Pop/180/270° (Supports 90°/270° with 2688 × 1520)MirrorYesPrivacy Masking4 areasNetworkKarasNetworkR-45 (10/100 Base-T)ProtocolNHTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPP6±; 1PV4/06; QoS; UPNP; NTP; RTMP; Multicast; HTTPS; SFTP; 802, 1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetectUser/Host20BrowserGogleMobile PhoneIos; AndroidCertificationsEcogles Strongenetic Compatibility Directive D'L'CP ENT SUBJOUTEPowerUU US09SO-1 CANPower OnsumptionSchorbes Compatibility Directive D'L'U US09SO-1 CANPower ConsumptionSalis power consumption: 1-9W (12V DC), 2.8W (POE) Strops MOR, IS (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (POE) Strops MOR, IR full intensity, IS'S: 8W (12V DC), 2.8W (12V	Motion Detection	Disable/Enable (4 areas, rectangle)
InitianOf 90/90/180/270° (Supports 90°/270° with 2688 ×1520) resolution.)MirrorYesPrivacy Masking4 areasNetworkK-45 (10/100 Base-T)NetworkRI-45 (10/100 Base-T)ProtocolNUTF (Pr. CP, ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPP61; IPV4/vG; QoS; UPNP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetectUser/Host20BrowserBahua Cloud; FTP; Micro SD card (max. 256 GB); NFSRomagement SoftwareIsögale Sing Sing Sing Sing Sing Sing Sing Sing	Region of Interest(RoI)	Yes (4 areas)
Image Kotationresolution.)MirrorYesPrivacy Masking4 areasNetworkNetworkNetworkR-45 (10/100 Base-T)ProtocolHTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; Oos; UPNP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetecUser/Host20BrowserGoogle FirefoxManagement SoftwareIsoard PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationsCE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive PC: 47 CFR PCC Part 15, Subpart B UE: ULG0950-1 CANPower12V DC/POEPower Supply12V DC/POEPower ConsumptionSasic power consumption: 1-9W (12V DC), 2-38W (POE) Max power consumption: 1.9W (12V DC), 2-38W (POE)Furiornent	Smart IR	Yes
InteriorInteriorPrivacy Masking4 areasNetworkRI-45 (10/100 Base-T)NetworkRI-45 (10/100 Base-T)ProtocolRITTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PDNS; PDNS; PDNS; PDNS; PDNS; DDNS; DDN; DDN	Image Rotation	
NetworkNetworkR-45 (10/100 Base-T)NetworkRTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPNP; NTP; RTMP; Multicast; HTTPS; STP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetecUser/Host20Gage StorageDahua Clouc; FTP; Micro SD card (max. 256 GB); NFSBrowserE Google FirefoxMobile PhoneSmart PSS; DMSSOttificationCS: AndroidCertificationCE-LVD: EN60950-1 CU-MOYECEPowerE U: UG0950-1 CANPowerISC POVEPower SupplySaic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (Mirror	Yes
NetworkRI-45 (10/100 Base-T)NetworkRI-45 (10/100 Base-T)ProtocolHTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPV4/v6; CoS; UPNP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetecUser/Host20Edge StorageDahua Cloud; FTP; Micro SD card (max. 256 GB); NFSBrowserIE Google FirefoxManagement SoftwareSmart PSS; DSS; DMSSMobile PhoneIO; AndroidCertificationCE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CANPower12V DC/POEPower Supply12V DC/POEPower Consumption1.9S% (12V DC), 2.8W (POE) Max power consumption (H.255, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W Max power consumption (H.255, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WOperating Temperature-30°C to +60°C (-22°F to +140°F)Operating Humidity55%Storage Temperature40°C to +60°C (-40°F to +140°F)Storage Temperature595%	Privacy Masking	4 areas
NotesNotesProtocolHTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetecUser/Host20Edge StorageDahua Cloud; FTP; Micro SD card (max. 256 GB); NFSBrowserE Google FirefoxManagement SoftwareNart PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationCE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B U: UL60950-1 CANPowerI2V DC/POEPower SupplyI2V DC/POEPower Consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1	Network	
ProtocolDHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMPInteroperabilityONVIF (Profile S/Profile G); CGI; Milestone; GenetecUser/Host20Edge StorageDahua Cloud; FTP; Micro SD card (max. 256 GB); NFSBrowserIE Google FirefoxManagement SoftwareSmart PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationCE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/302 COPEPowerEPower12V DC/POEPower Supply12V DC/POEPower ConsumptionJasci power consumption: 1.9V (12V DC), 2.8W (POE) Max power consumption: 1.9V (12V DC), 9.6W (POE)Portoroment	Network	
NumberUser/Host20Edge StorageDahua Cloud; FTP; Micro SD card (max. 256 GB); NFSBrowserE Google FirefoxManagement SoftwareSmart PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationE E-EMC: Electromagnetic Compatibility Directive 2014/30/EU FC: 47 CFR FCC Part 15, Subpart B UI: ULGOSD-1 CANPowerIVDC/POEPower SupplyIVDC/POEPower ConsumptionJ2V DC/POEPower ConsumptionSasic power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): SW (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): SW (12V DC), 9.6WPortionment	Protocol	DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP;
FinancialFides NotesEdge StorageDahua Cloud; FTP; Micro SD card (max. 256 GB); NFSBrowserE Google FirefoxManagement SoftwareSmart PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationCertificationCertificationsCE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU SCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CANPowerIV DC/POEPower Consumption1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max tream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WPowerating Temperature-30°C to +60°C (-22°F to +140°F)Operating Humiditye55%Storage Temperature-40°C to +60°C (-40°F to +140°F)Storage Humiditye55%	Interoperability	ONVIF (Profile S/Profile G); CGI; Milestone; Genetec
RowserIs Google FirefoxManagement SoftwareSmart PSS; DSS; DMSSMobile PhoneIOS; AndroidCertificationISS; AndroidCertificationE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL UG0950-1 CANPowerPowerPowerStorpey Consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: 1.9W (12V DC), 2.8W (POE)FurironmentSasic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption: H.265, Max resolution, Max ream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WOperating Temperature-30°C to +60°C (-22°F to +140°F)Operating HumidityS5%Storage HumidityS95%	User/Host	20
BrowserGoogle FirefoxManagement SoftwareSmart PSS; DMSSMobile PhoneIOS; AndroidCertificationEE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: ULG0950-1 CANPower2V DC/POEPower Supply12V DC/POEForvironmentMax power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max tream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)Forvironment	Edge Storage	Dahua Cloud; FTP; Micro SD card (max. 256 GB); NFS
Mobile Phone IOS; Android Certification EE-LVD: EN60950-1 Certifications CE-LVD: EN60950-1 Certifications CE-LVD: EN60950-1 Certifications CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FOC: 47 CFR FCC Part 15, Subpart B Direction Power 12V DC/POE Power Consumption Basic power consumption (H.265, Max resolution, Max	Browser	Google
Certification Certifications CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CAN Power Discompatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CAN Power Subpart B UL: UL60950-1 CAN Power Sasic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.255, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE) Environment -30°C to +60°C (-22°F to +140°F) Operating Temperature -30°C to +60°C (-40°F to +140°F) Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity >55%	Management Software	Smart PSS; DSS; DMSS
Certifications CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CAN Power 12V DC/POE Power Supply 12V DC/POE Power Consumption Basic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE) Environment -30°C to +60°C (-22°F to +140°F) Operating Temperature -30°C to +60°C (-40°F to +140°F) Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity >55%	Mobile Phone	IOS; Android
CertificationsCE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CANPowerI2V DC/POEPower ConsumptionBasic power consumption (H.265, Max resolution, Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 2.8W (POE)Power ConsumptionSasic power consumption (H.265, Max resolution, Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)ForvironmentImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)Operating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)Operating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)Operating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE)Operating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WOperating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WOperating TemperatureImage: Source Consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WImage: Source Consumption (H.265, Max, resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6WImage: Source Consumptio	Certification	
Power Supply 12V DC/POE Power Consumption Basic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE) Environment -30°C to +60°C (-22°F to +140°F) Operating Temperature -30°C to +60°C (-22°F to +140°F) Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity >95%	Certifications	CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
Power Consumption Basic power consumption: 1.9W (12V DC), 2.8W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE) Environment -30°C to +60°C (-22°F to +140°F) Operating Temperature -30°C to +60°C (-22°F to +140°F) Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity >95%	Power	
Power Consumption Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W (POE) Environment	Power Supply	12V DC/POE
Operating Temperature -30°C to +60°C (-22°F to +140°F) Operating Humidity ≤95% Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity ≤95%	Power Consumption	Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 8W (12V DC), 9.6W
Operating Humidity ≤95% Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity ≤95%	Environment	
Storage Temperature -40°C to +60°C (-40°F to +140°F) Storage Humidity ≤95%	Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Storage Humidity ≤95%	Operating Humidity	≤95%
	Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection IP67	Storage Humidity	≤95%
	Protection	IP67

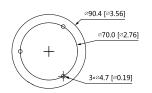
Lite Series |CAM-1991

Structure

Casing	Metal
Dimensions	Φ244.1 mm × 90.4 mm (Φ9.61" × 3.26")
Net Weight	0.86 kg (1.90 lb)
Gross Weight	1.10 kg (2.43 lb)

Dimensions (mm[inch])





Accessories



CAM-1110 IP66 Junction Box

CAM-215 Pole Mount

