

VH121-E202-P411

HD 2MP INTELLIGENT WDR IR IP MINIDOME CAMERA

Infinova[®]



FEATURES

- 1/2.8" CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- IR illumination distance up to 20m
- Applied with Smart-IR technology to adjust the light power according to ambient lighting conditions
- Support multi-frame integrated WDR, with a range up to 120dB
- Support H.265/H.264/M-JPEG/SVC encoding
- High-resolution image signal output: 1920×1080@30fps
- Smart H.265/Smart H.264 applied for better utilization of broadband resources
- Support vivid smart functions such as video anomaly detection, behaviour-analysis detection, sound detection, statistics detection, Intelligent grouping detection
- Bi-directional audio, G.711-A/G.711-U/AAC
- Local PC recording
- Support multiple ways to trigger alarms, such as smart analysis, network disconnection and heartbeat loss
- Support flexible alarm associated settings: like email, image upload via FTP, image upload via HTTP and alarm info push
- Up to 8 ROI (Region of Interest) areas
- Up to 4 definable privacy mask areas
- Support simultaneous access and parameter setting via Web Server from multiple clients
- Onvif Profile S/G & T compliant
- Support corridor mode
- Powered by 12VDC
- IP66 environmental rating

DESCRIPTION

Infinova VH121-E2 series HD 2MP Intelligent WDR IR IP Minidome Camera applies 1/2.8" CMOS sensor with built-in HD 2.8mm fixed-focus lens. The built-in IR lights cover an illumination distance up to 20m and the power can be adjusted according to ambient lighting conditions with results of power assumption reduced and service life extended.

With H.265/H.264/M-JPEG/SVC encoding, the camera outputs high-definition images with resolution up to 1080P@30fps, which can provide marvelous definition, color restoration and accurate details.

With self-developed deep learning algorithms, the camera is endowed with vivid smart functions such as video anomaly detection, face detection, counting, crowd density detection, and behavior analysis, catering for various high-end requests.

The camera is recommended for use in elevators. It also can be widely used in ordinary buildings, supermarkets, hotels, shops, parks, schools, factories, warehouses, underground parking and other occasions.

TECHNICAL SPECIFICATIONS

Lens (Visible)		Exposure	
Image Sensor	1/2.8" progressive scan CMOS		Auto/Manual/Shutter
Optical Zoom	-	Sensitivity	Color mode: 0.005lux@ F2.0 (AGC ON, IR OFF); B/W mode: 0.003lux@ F2.0 (AGC ON, IR OFF); 0 lux (IR ON)
Digital Zoom	-	White Balance	Auto/Manual/Outdoor
Focal Length	f=2.8mm	Video Adjustment	Brightness, Contrast, Saturation, Hue, Sharpness
Iris	F2.0	Noise Reduction	3D
Focus	Fixed	S/N Ratio	≥62dB
FOV(H/V/D)	H:113°; V:61°; D:134°	Defog	Available
Lens Mount	M12	EIS	Available
Lens (Thermal)		Mirror	Horizontal/Vertical
Imager Type	-	Corridor Mode	Available by video rotation
Lens Type	-	Day/Night Switching	ICR
Spectral Band	-	AGC	Auto/Manual, up to 64X
Pixel Size	-	BLC	Available
NETD	-	HLC	Available
Focal Length	-	Privacy Mask	Up to 4 definable zones
FOV	-	ROI	Up to 8 definable zones
Video		OSD	Supported
Camera Resolution (Visible Lens)	2MP	Pan/Tilt Functions	
Camera Resolution (Thermal Lens)	-	Preset	-
Max. Coding Capacity (Visible Lens)	Major stream: H.264/H.265-30fps@1920x1080 Minor stream: H.264/H.265-30fps@1280x720 Third stream: M-JPEG -30fps@1920x1080	Pattern	-
Max. Coding Capacity (Thermal Lens)	-	Autopan	-
Data Rate	VBR/CBR Major stream: 128Kbps~1024Kbps Minor stream: 128Kbps~4096Kbps	Normal Tour	-
Video Compression	H.265 /H.264/M-JPEG/SVC independent coding	Home Return	-
Multi-Streaming	Three-stream independent output	Timing Tour	-
Video Rotation	Video can be rotated by 90°, 180° or 270°	Autoscan	-
Audio		Area Zoom	-
Audio Compression	G.711-A/ G.711-U/ AAC	IR Illumination	
Sample Rate	8KHz (for G.711-U/G.711-A), 16KHz, 32KHz, 44.1KHz and 48KHz (for AAC)	Smart-IR	Available
Audio Interface	1 input, Linear level	Wave Length	850nm
Two-way Audio	Supported	Night Vision Distance	20m
Mic & Speaker	-	Temperature Measurement	
Image		Screening Function	-
Shutter	Auto/Manual (1/1s~1/32,000s)	Measurement	-
WDR	Up to 120dB	Measurement Distance	-
		Measurement Range	-
		Accuracy	-

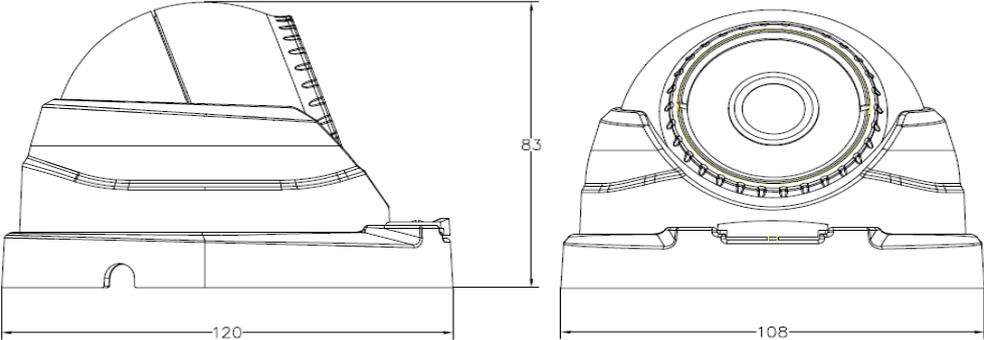
TECHNICAL SPECIFICATIONS

Smart Analytics		Video Anomaly Detection-Camera tampering, camera shifting, defocus detection, high brightness detection, low brightness detection, video loss detection, color cast detection, and motion detection	Video Analytics	Behaviour Analysis Detection - Wire crossing detection, intrusion detection, object abandoned detection, object lost detection, loitering detection, crowd detection, fast moving detection, target stop detection, and fall over detection	Sound Detection - Abnormal sound detection and fight detection	Statistics Detection - Counting, density detection, queue length detection and dwelling detection	Intelligent Grouping Detection- Behaviour analysis grouping, face capture grouping.	Face capture - Supports face detection, tracking and capturing.	Optimum Selection- Supports optimum selection and duplicate removal for captured target images to deliver the best-quality images.	Face Exposure - Available	Face attributes - gender, glasses, eyes open, mask, mouth open
Storage		Storage Slots	-	Built-in Storage	-	NAS Storage	-	Local PC Recording	Available	Alarm	
Alarm Ports		2 alarm inputs, 1 on-off output		Alarm Input		Intelligent detection, network disconnection, and heartbeat loss		Alarm Association		Email, image upload via FTP, image upload via HTTP, and alarm info push	
System Functions		Operating System		Win 7 and higher versions		Browser		IE8 and higher versions		Access Protocol	
		Multiple Access		Up to 20-ch simultaneous access		Web Server		Available		Remote Upgrade	
		Web Server		Available		Remote Upgrade		Available			
Password Protection		Available		RS485 Port		-		Analog Video Output		-	
Maximum Number of Users		64, with 3 types of users available: administrator, normal user, and operator		Wiper		-		Network			
Network Interface		1 RJ45 10M/ 100M self-adaptive Ethernet port		Network Protocols		"IPv4/IPv6, TCP, UDP, IGMP, ICMP, IGMPv2/3, DHCP, SNMP (V1, V3), FTP, SMTP, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, 802.1x, QoS, PPPoE, DNS, DDNS, ARP, UPnP, IP Filter, TLS, DES, Multicast"		IP Address Filtering		Available	
Network Delay		≤200ms		Environmental		Anti-Static		Air discharge: 8KV; contact discharge: 6KV		Surge Protection	
		Difference mode ±1KV, common mode ±2KV		Operating Temperature		-4°F~122°F (-20°C~+50°C)		Storage Temperature		-4°F~140°F (-20°C~+60°C)	
		Operating Humidity		≤ 95% RH		Environmental Rating		IP66		Impact Resistance	
		-		Mechanical		Manual Speed		-		Preset Speed	
		-		Rotation Angle		-		Preset Accuracy		-	
		-		Electric Motor		-		Electrical		Power Supply	
		12VDC		Power Consumption		<7W		Physical		Product Dimension (L×W×H) or (H x D)	
		3.26"×4.72" (83mm×Ø120mm)		Package Dimension (L x W x H)		6.65"×6.65"×5.79" (169mm×169mm×147mm)		Unit Weight		1.43lbs. (0.65Kg)	
		1.83lbs. (0.83Kg)		Certifications		Product Certifications		CE, FCC, IP66, RoHS			

ORDERING INFORMATION

VH121-E202-P411	HD IR IP Elevator Minidome Camera, 2MP, 1/2.8" CMOS, Day/night, WDR, Low light, Smart, Face capture, H.265/H.264/M-JPEG/SVC, 2.8 lens, IR illumination distance up to 15m, With pigtail, Indoor, Surface mounting, IP66, 12VDC
Accessories	
Power Supply	
N3921-12D-1	AC to DC Power Supply, Pluq-In, 230VAC, Output 12VDC, 1.5A

DIMENSIONS



(Unit: inch, in the parentheses is mm)