

VHA411-A20B-M0

HD 2MP WDR IR IP BULLET CAMERA

Infinova[®]



FEATURES

- 1/2.8" CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- IR distance up to 45m
- Supports WDR
- Built-in motorized zoom lens, supporting assistant focusing
- Smart functions, such as perimeter intrusion detection, line crossing intrusion, pedestrian & Vehicle detection, face detection, stationary object detection, cross-counting, heat map statistics, crowd density detection, queue length detection.
- H.265 & H.264 video encoding, three streams
- Maximum resolution supports 1920x1080@30fps
- Local PC recording
- Supports SD card storage
- ONVIF Profile S & ONVIF Profile G & ONVIF Profile T compliant
- Supports PoE/12VDC power supply
- IP66 rating

DESCRIPTION

VHA411-A2 Series HD 2MP WDR IR IP Bullet Camera adopts a 1/2.8" progressive scan CMOS sensor and has an internal 2.8-12mm HD motorized zoom lens, together with internal dot matrix LED IR illuminators covering 45m distance.

The camera adopts H.265/H.264 encoding and 3 streams, features high resolution up to 1080P@30fps and provides outstanding color rendition which helps you get richer and more accurate details.

The camera also features multiple smart functions, including perimeter intrusion detection, line crossing intrusion, pedestrian & Vehicle detection, face detection, stationary object detection, cross-counting, heat map statistics, crowd density detection, queue length detection.

The products can be widely used in sites that demand high-definition image quality with no lighting of ordinary buildings, supermarkets, hotels, shops, parks, schools, factories, warehouses, underground parking lots, etc.

TECHNICAL SPECIFICATIONS

Lens (Visible)			
Image Sensor	1/2.8" progressive scan CMOS	Exposure	Available
Optical Zoom	4X	Sensitivity	Color 0.002Lux @ (F1.2, AGC ON) B/W 0 lux @ IR ON
Digital Zoom	4X on IE plug-in	White Balance	Auto/Manual
Focal Length	f=2.8~12mm	Video Adjustment	Brightness, sharpness, saturation, contrast, chroma adjustable
Iris	F1.8 (W) ~ 3.3(T)	Noise Reduction	3D
Focus	Manual focus	S/N Ratio	52db
FOV(H/V/D)	H:101°-33°; V:52°-18°; D:124°-37°	Defog	-
Lens Mount	Φ14	EIS	-
Lens (Thermal)		Mirror	Available
Imager Type	-	Corridor Mode	Available
Lens Type	-	Day/Night Switching	IR cut filter with auto switch (Day/Night/Auto/Schedule)
Spectral Band	-	AGC	Auto
Pixel Size	-	BLC	Available
NETD	-	HLC	Available
Focal Length	-	Privacy Mask	Up to 4 definable zones
FOV	-	ROI	Available
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 Mobile stream: H.264/H.265- 30fps@640x480	Pattern	-
Max. Coding Capacity (Thermal Lens)	-	Autopan	-
Data Rate	VBR/CBR Major stream: 256Kbps ~ 8192Kbps	Normal Tour	-
Video Compression	H.265/H.264	Home Return	-
Multi-Streaming	Three - stream independent output	Timing Tour	-
Video Rotation	Video can be rotated by 0°, 180°	Autoscan	-
Audio		Area Zoom	-
Audio Compression	G.711-A/ G.711-U	IR Illumination	
Sample Rate	8KHz	Smart-IR	Available
Audio Interface	1 input (RCA), 1 output (RCA)	Wave Length	850mn
Two-way Audio	Available	Night Vision Distance	45m
Mic & Speaker	-	Temperature Measurement	
Image		Screening Function	-
Shutter	1/5 ~ 1/20000s	Measurement	-
WDR	Support	Measurement Distance	-
		Measurement Range	-
		Accuracy	-

TECHNICAL SPECIFICATIONS

Smart Analytics	
Video Analytics	Motion Detection - Off/On (8 Level) Smart Feature – PID (Perimeter Intrusion Detection), LCD (Line Crossing Intrusion), PD/VD (Pedestrian & Vehicle Detection), FD (Face Detection), SOD (Stationary Object Detection), CC(Cross-Counting), HM (Heat MAP Statistics), CD (Crowd Density Detection), QD (Queue Length Detection)
Storage	
Storage Slots	Supports a single card
Built-in Storage	up to 256GB
NAS Storage	Available
Local PC Recording	Available
Alarm	
Alarm Ports	1 input, 1 output
Alarm Input	I/O input, smart detection, motion
Alarm Association	Email, image upload via FTP, image upload via HTTP, and alarm info push
System Functions	
Operating System	Windows 7 or above, Mac IE10/11
Browser	Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Access Protocol	ONVIF (Profile S/G/T)
Multiple Access	Up to 7-ch simultaneous access
Web Server	Available
Remote Upgrade	Available
Password Protection	Available
RS485 Port	Available
Analog Video Output	-
Maximum Number of Users	7

Wiper	-
Network	
Network Interface	1 RJ45 10M/ 100M self-adaptive Ethernet port
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
IP Address Filtering	Available
Network Delay	<200ms
Environmental	
Anti-Static	6KV
Surge Protection	Difference mode: 1.5KV, common mode: 4KV
Operating Temperature	-22°F~140°F (-30°C~+60°C)
Storage Temperature	-22°F~140°F (-30°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	PoE (IEEE 802.3af Class 2) /12VDC
Power Consumption	IR OFF: 2W(DC)/3W(POE) IR ON: 6W(DC)/8W(POE)
Physical	
Product Dimension (L×W×H) or (H x D)	242*87.4*83.88mm
Package Dimension (L x W x H)	265*120*115MM
Unit Weight	801g
Shipping Weight	1.1KG
Certifications	
Product Certifications	CE, FCC, IP66, RoHS

ORDERING INFORMATION

VHA411-A20B-MO	HD Megapixel IR Bullet Camera, 2MP, 1/2.8" CMOS, Day/night, 2.8 ~ 12mm motorized lens, IR illumination distance up to 45m, IP66, PoE/12VDC
Accessories	
Power Supply	
N3921-12D-1	AC to DC Power Supply, Plug-In, 230VAC, Output 12VDC, 1.5A
N3922-30P-2	Smart POE Injector, 100VAC-240VAC input, 30W output

***Note:** - "Confirmation of SD Card installation has to be notified with the Camera Purchase Order. Such confirmation if received on Order Readiness will attract additional cost. Please contact Infinova to know more".