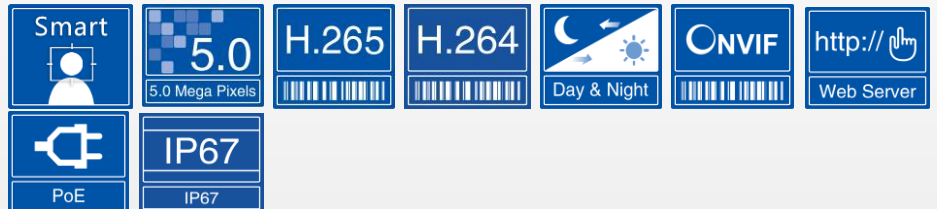


VPAE511 SERIES

HD 5MP INTELLIGENT LOW LIGHT WDR IR IP CAMERA

Infinova®



FEATURES

- 1/2.7" progressive scan CMOS
- Sensitivity: 0.009 lux
- Support multi-frame integrated WDR
- Smart IR for true Day/Night
- Applied with Smart-IR technology to adjust the light power according to ambient lighting conditions
- IR illumination distance up to 80m
- Built-in motorized zoom lens, assistant to focus adjustment
- H.265/H.264 encoding formats, available with three video streams
- High-resolution image signal output: 2592×1944P@30fps
- Support vivid smart functions such as Face Recognition, Human & Vehicle Detection, Perimeter Intrusion Detection, Line Crossing Detection, Cross Counting Stationary, Object Detection, Heat Map Crowd Density Detection, Queue Length Detection, license Plate Detection, Rare Sound Detection.
- Onvif Profile S/G & T
- Support simultaneous access and parameter settings via Web Server from multiple clients
- Bi-directional audio, 1 input (RCA), 1 output (RCA)
- 1 alarm inputs, 1 output
- Micro SD card
- Powered by PoE/12VDC
- IP67 environmental rating

DESCRIPTION

Infinova VPAE511 series HD 5MP Intelligent Low Light WDR IR IP camera applies 1/2.7-inch CMOS sensor and 05 ~ 50mm HD motorized zoom lens. The built-in IR lights can cover up to 80m and its power can be automatically adjusted according to ambient lighting conditions, greatly reducing power consumption, and extending its service life.

With H.265/H.264 video compression formats, the camera outputs high-quality images with resolution up to 2592×1944@30fps which can not only provide marvelous definition, color restoration and accurate details, but also effectively ensure the intelligent analysis accuracy.

The camera is endowed with vivid smart functions and video structuring functions, such as face detection. It is able to output face attributes and images to the control platform for big data analysis, effectively reducing the loads and costs of smart data analysis and handling that the control platform bears.

The camera adopts a new integrated structural design, small and compact, easy to install. The camera can be widely used in ordinary buildings, supermarkets, hotels, shops, parks, schools, factories, warehouses, underground parking and other occasions with low light condition but requiring high-quality images.

TECHNICAL SPECIFICATIONS

Lens (Visible)			
Image Sensor	1/2.7" progressive scan CMOS	Exposure	1/30~1/20000, Flicker less
Optical Zoom	-	Sensitivity	Color 0.009 lux @ F1.6(AGC ON) 30IRE; B/W 0.001 lux @ F1.6(AGC ON) 30 IRE; B/W 0 lux @IR ON
Digital Zoom	-	White Balance	Auto/Manual
Focal Length	f=05 ~ 50 mm	Video Adjustment	Brightness, contrast, saturation, sharpness, Hue
Iris	F 2.0±5%	Noise Reduction	3D DNR
Focus	Available with online assistant focus	S/N Ratio	≥50dB
FOV(H/V/D)	H:45°~7.2°; V:33°~5.5°; D:58°~9.1°	Defog	-
Lens Mount	Ø14	EIS	-
Lens (Thermal)		Mirror	Horizontal/Vertical
Imager Type	-	Corridor Mode	Available
Lens Type	-	Day/Night Switching	Manual/ Smart IR
Spectral Band	-	AGC	Auto
Pixel Size	-	BLC	Available
NETD	-	HLC	Available
Focal Length	-	Privacy Mask	Up to 4 definable zones
Video		ROI	Supported
Camera Resolution (Visible Lens)	5MP	OSD	Supported
Camera Resolution (Thermal Lens)	-	Pan/Tilt Functions	
Max. Coding Capacity (Visible Lens)	Major stream: H.264/H.265-30fps@2592x1944 Minor stream: H.264/H.265-25fps@1920x1080 Third stream: VGA -25fps@640x480	Preset	-
Data Rate	VBR/CBR 64kbps~8Mbps	Pattern	-
Video Compression	H.265/H.264 independent coding	Autopan	-
Multi-Streaming	Three - stream independent output	Normal Tour	-
Video Rotation	Video can be rotated by 0°, 180°	Home Return	-
Audio		Timing Tour	-
Audio compression	G.711-A/ G.711-U	Autoscan	-
Sample Rate	8KHz (for G.711-U/G.711-A)	Area Zoom	-
Audio Interface	1 input, 1 output	IR Illumination	
Two-way Audio	Available	Smart-IR	Available
Mic & Speaker	-	Wave Length	850nm
Image		Night Vision Distance	80m
Shutter	Auto/Manual (1/5s~1/20,000s)	Temperature Measurement	
WDR	Available	Screening	-
		Function	-
		Measurement	-
		Measurement Distance	-
		Measurement Range	-
		Accuracy	-

TECHNICAL SPECIFICATIONS

Smart Analytics	
Video Analytics	Face Recognition (FR)
	Human & Vehicle Detection (PD&VD)
	Perimeter Intrusion Detection (PID)
	Line Crossing Detection (LCD)
	Cross Counting (CC)
	Stationary Object Detection (SOD)
	Heat Map (HM)
	Crowd Density Detection (CD)
	Queue Length Detection (QD)
Storage	license Plate Detection (LPD)
	Rare Sound Detection (RSD)
Storage Slots	Support single card
Built-in Storage	up to 256GB
NAS Storage	-
Local PC Recording	-
Alarm	
Alarm Ports	1 input, 1 output
Alarm Input	I/O input, smart events, SD card full of videos, SD card full of images, network disconnection, heartbeat loss
Alarm Association	I/O output, email, image upload via FTP, audio, alarm info push, SD card snapshot, SD card recording
System Functions	
Operating System	Win 7 and higher versions
Browser	IE10 and higher versions
Access Protocol	ONVIF Profile S/G/T
Multiple Access	Up to 21-ch simultaneous access
Web Server	Available
Remote Upgrade	Available
Password Protection	Available
RS485 Port	-
Analog Video Output	-
Maximum Number of Users	7, with 7 types of users available: administrator-1 and operator- 6

Wiper	-
Network	
Network Interface	1 RJ45 10M/ 100M self-adaptive Ethernet port
Network Protocols	IPv4/IPv6, TCP/IP, UDP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
IP Address Filtering	Available
Network Delay	<200ms
Environmental	
Anti-Static	Air discharge: 8KV; contact discharge: 6KV
Surge Protection	LAN port: 4KV; DC power port: 1KV
Operating Temperature	-22°F~140°F (-30°C~+60°C)
Storage Temperature	-4°F~158°F (-20°C~+70°C)
Operating Humidity	≤ 95% RH, Non-Condensing
Environmental Rating	Die-cast Aluminium Material, IP67 Rated
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	< 13.6 W
Physical	
Product Dimension (L×W×H) or (H x D)	
Package Dimension (L x W x H)	
Unit Weight	
Shipping Weight	
Certifications	
Product Certifications	CE, FCC, RoHS, IK10, NEMA 4X, IP67

ORDERING INFORMATION

VPAE511-0550-M0	HD Megapixel Intelligent Lowlight WDR IR IP Bullet Camera, 5MP, 1/2.7" CMOS, Day/night, H.265/H.264, 05 ~50 mm motorized zoom lens, IR illumination distance up to 80m, Outdoor, IP67, With audio alarm, 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".