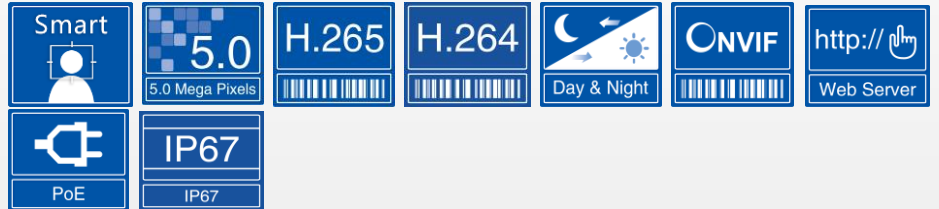


VPAE511 SERIES

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, with a range up to 255dB
- 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
Optical Zoom	-
Digital Zoom	-
Focal Length	f=05 ~ 50 mm
Iris	F 2.0
Focus	Available with online assistant focus
FOV(H/V/D)	H:49°~7°; V:27°~4°; D:57°~8°
Lens Mount	Ø14
Lens (Thermal)	
Imager Type	-
Lens Type	-
Spectral Band	-
Pixel Size	-
NETD	-
Focal Length	-
Video	
Camera Resolution (Visible Lens)	5MP
Camera Resolution (Thermal Lens)	-
Max. Coding Capacity (Visible Lens)	Major stream: H.264/H.265-30fps@2592x1944 Minor stream: H.264/H.265-50fps@1920x1080 Third stream: VGA -30fps@640x480
Data Rate	VBR/CBR 128kbps~16384kbps
Video Compression	H.265/H.264 independent coding
Multi-Streaming	Three - stream independent output
Video Rotation	Video can be rotated by 0°, 180°
Audio	
Audio compression	G.711-A/ G.711-U
Sample Rate	8KHz (for G.711-U/G.711-A)
Audio Interface	1 input, 1 output
Two-way Audio	Available
Mic & Speaker	-
Image	
Shutter	Auto/Manual (1/5s~1/20,000s)
WDR	Up to 255dB

Exposure	1/30~1/20000, Flicker less
Sensitivity	Color 0.009 lux @ F1.6(AGC ON); B/W 0 lux @IR ON
White Balance	Auto/Manual
Video Adjustment	Brightness, contrast, saturation, sharpness, Hue
Noise Reduction	3D DNR
S/N Ratio	≥39dB
Defog	-
EIS	-
Mirror	Horizontal/Vertical
Corridor Mode	Available
Day/Night Switching	Manual/ Smart IR
AGC	Auto
BLC	Available
HLC	Available
Privacy Mask	Up to 4 definable zones
ROI	Supported
OSD	Supported
Pan/Tilt Functions	
Preset	-
Pattern	-
Autopan	-
Normal Tour	-
Home Return	-
Timing Tour	-
Autoscan	-
Area Zoom	-
IR Illumination	
Smart-IR	Available
Wave Length	850nm
Night Vision Distance	80m
Temperature Measurement	
Screening Function	-
Measurement	-
Measurement Distance	-
Measurement Range	-
Accuracy	-

TECHNICAL SPECIFICATIONS

Smart Analytics		Wiper	
Video Analytics	Face Recognition (FR)	-	
	Human & Vehicle Detection (PD&VD)	Network	
	Perimeter Intrusion Detection (PID)	Network Interface	1 RJ45 10M/ 100M self-adaptive Ethernet port
	Line Crossing Detection (LCD)	Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
	Cross Counting (CC)	IP Address Filtering	Available
	Stationary Object Detection (SOD)	Network Delay	<200ms
	Heat Map (HM)	Environmental	
	Crowd Density Detection (CD)	Anti-Static	Air discharge: 8KV; contact discharge: 6KV
	Queue Length Detection (QD)	Surge Protection	LAN port: 4KV; DC power port: 1KV
License Plate Detection (LPD)	Operating Temperature	-22°F~140°F (-30°C~+60°C)	
Rare Sound Detection (RSD)	Storage Temperature	-4°F~140°F (-20°C~+60°C)	
Storage		Operating Humidity	≤ 90% RH
Storage Slots	Support single card	Environmental Rating	IP67
Built-in Storage	up to 256GB	Impact Resistance	-
NAS Storage	-	Mechanical	
Local PC Recording	-	Manual Speed	-
Alarm		Preset Speed	-
Alarm Ports	1 input, 1 output	Rotation Angle	-
Alarm Input	I/O input, smart events, SD card full of videos, SD card full of images, network disconnection, heartbeat loss	Preset Accuracy	-
Alarm Association	I/O output, email, image upload via FTP, audio, alarm info push, SD card snapshot, SD card recording	Electric Motor	-
System Functions		Electrical	
Operating System	Win 7 and higher versions	Power Supply	PoE (IEEE 802.3af Class 2) /12VDC
Browser	IE10 and higher versions	Power Consumption	< 13.6 W
Access Protocol	ONVIF Profile S/G/T	Physical	
Multiple Access	Up to 21-ch simultaneous access	Product Dimension (L×W×H) or (H x D)	
Web Server	Available	Package Dimension (L x W x H)	
Remote Upgrade	Available	Unit Weight	
Password Protection	Available	Shipping Weight	
RS485 Port	-	Certifications	
Analog Video Output	-	Product Certifications	IP67
Maximum Number of Users	7, with 7 types of users available: administrator-1 and operator- 6		

ORDERING INFORMATION

VPAE511-0550-M0	HD Megapixel Intelligent Lowlight WDR IR IP Bullet Camera, 5MP, 1/2.7" CMOS, Structurized face or pedestrian analysis, 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".