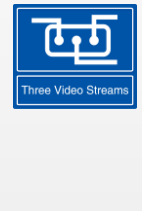
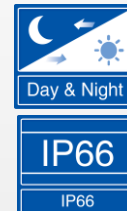
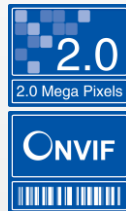


V6812IR-H0265SX-Y

HD 2MP INTELLIGENT STARLIGHT WDR IR IP MINIDOME
CAMERA

Infinova[®]



FEATURES

- 1/2.9" CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- IR illumination distance up to 30m
- 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 analysis functions such as General Intelligence, Density Monitoring, Counting Application, Behaviour Analysis, Object abandoned detection
- Local PC recording
- Onvif Profile S/G & T compliant
- 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 corridor mode
- Support simultaneous access and parameter setting via Web Server from multiple clients
- Standard SDK is provided for easy integration with other video surveillance software
- Support three-axis rotation for flexible adjustment of surveillance direction
- Support surface mounting
- Powered by PoE/12VDC
- IP66 environmental rating

DESCRIPTION

Infinova V681 2IR-H0265 series HD 2MP Intelligent Starlight WDR IR IP Minidome Camera applies 1/2.9" CMOS sensor with built-in HD fixed-focus lens (optional with 2.8mm/4mm/6mm). The built-in IR lights cover an illumination distance up to 30m 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 compact in design and convenient for installation. It supports three-axis rotation for flexible adjustment of surveillance direction.

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	1/2.9" progressive scan CMOS	Sample Rate	8KHz (for G.711-U/G.711-A), 16KHz, 32KHz, 44.1KHz and 48KHz (for AAC)
Optical Zoom	-	Audio Interface	1 input, Linear level
Digital Zoom	-	Two-way Audio	Supported
Focal Length	f=2.8mm, 4mm, 6mm	Mic & Speaker	-
Iris	F2.0	Image	
Focus	Fixed	Shutter	Auto/Manual (1/1s~1/32,000s)
FOV(H/V/D)	f=2.8mm- H:102.4°; V:54.9°; D:121.3° f=4mm- H:88°; V:47°; D:106° f=6mm- H:51.2°; V:28.6°; D:59°	WDR	Up to 120dB
Lens Mount	M12	Exposure	Auto/Manual/Shutter
Lens (Thermal)		Sensitivity	Color mode: 0.01lux@ F2.0 (AGC ON); B/W mode: 0.001lux@ F2.0 (AGC ON); 0 lux (IR ON)
Imager Type	-	White Balance	Auto/Manual/Outdoor
Lens Type	-	Video Adjustment	Brightness, Contrast, Saturation, Hue, Sharpness adjustable
Spectral Band	-	Noise Reduction	3D
Pixel Size	-	S/N Ratio	≥55dB
NETD	-	Defog	Available
Focal Length	-	EIS	Available
FOV	-	Mirror	Horizontal/Vertical
Video		Corridor Mode	Available by video rotation
Camera Resolution (Visible Lens)	2MP	Day/Night Switching	ICR
Camera Resolution (Thermal Lens)	-	AGC	Auto/Manual, up to 64X
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	BLC	Available
Max. Coding Capacity (Thermal Lens)	-	HLC	Available
Data Rate	VBR/CBR Major stream: 128Kbps~10240Kbps Minor stream: 128Kbps~4096Kbps	Privacy Mask	Up to 4 definable zones
Video Compression	H.265 /H.264/M-JPEG/SVC independent coding	ROI	Up to 8 definable zones
Multi-Streaming	Three-stream independent output	OSD	Supported
Video Rotation	Video can be rotated by 90°, 180° or 270°	Pan/Tilt Functions	
Audio		Preset	-
Audio Compression	G.711-A/ G.711-U/ AAC	Pattern	-
		Autopan	-
		Normal Tour	-
		Home Return	-
		Timing Tour	-
		Autoscan	-
		Area Zoom	-
		IR Illumination	
		Smart-IR	Available
		Wave Length	850nm
		Night Vision Distance	30m

TECHNICAL SPECIFICATIONS

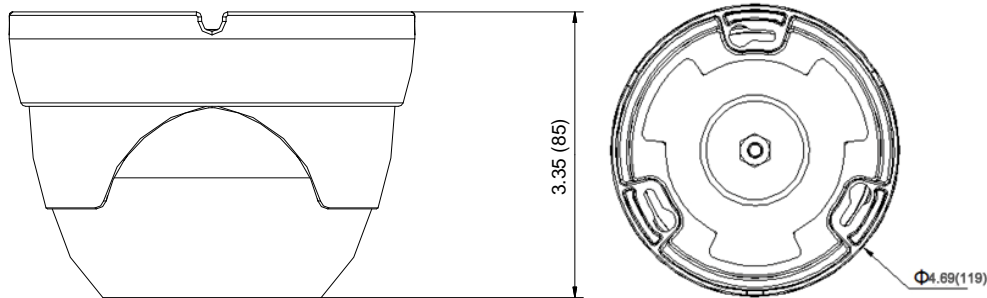
Temperature Measurement	
Screening Function	-
Measurement Distance	-
Measurement Range	-
Accuracy	-
Smart Analytics	
Video Analytics	Video Anomaly Detection-Camera tampering, camera shifting, defocus detection, high brightness detection, low brightness detection, video loss detection, color cast detection, and motion detection 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
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	ONVIF Profile S/G/T, Infinova CGI
Multiple Access	Up to 20-ch simultaneous access
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	-40°F~140°F (-40°C~+60°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	PoE (IEEE 802.3af Class 2) / 12VDC
Power Consumption	<12W
Physical	
Product Dimension (L×W×H) or (H x D)	3.35"×4.69" (85mm×Ø119mm)
Package Dimension (L x W x H)	6.65"×6.65"×5.79" (169mm×169mm×147mm)
Unit Weight	1.43lbs. (0.65Kg)
Shipping Weight	1.83lbs. (0.83Kg)
Certifications	
Product Certifications	CE, FCC, IP66, RoHS

ORDERING INFORMATION

V6812IR-H0265ST-Y0	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 2.8mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, PoE/12VDC
V6812IR-H0265ST-Y4	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 2.8mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, 12VDC
V6812IR-H0265SA-Y0	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 4mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, PoE/12VDC
V6812IR-H0265SA-Y4	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 4mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, 12VDC
V6812IR-H0265SB-Y0	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 6mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, PoE/12VDC
V6812IR-H0265SB-Y4	HD IR IP Minidome Camera, 2MP, 1/2.9" CMOS, Day/night, Smart, H.265/H.264/M-JPEG/SVC, 6mm lens, IR illumination distance up to 30m, With audio alarm, Indoor, Surface mount, 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

DIMENSIONS



(Unit: inch, in the parentheses is mm)