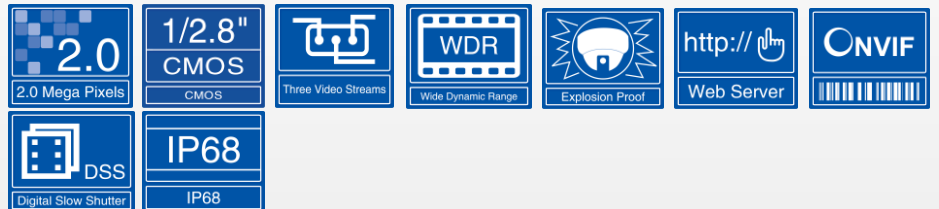


# VP130-A220 SERIES

HD 2MP EXPLOSION-PROOF IP PTZ DOME CAMERA

**Infinova**<sup>®</sup>



## FEATURES

- Built-in 33X HD integrated camera modules
- Maximum resolution up to 1920×1080 @ 30fps
- H.264 high profile & M-JPEG dual-stream encoding, three simultaneous video streams
- Two-way audio, G.711-U/G.711-A
- Remote PTZ Control via network
- Support area zoom and image PTZ function
- Dome title settings and display
- Support image overlapping
- Multiple white balance modes
- Defog supported
- Preset, pattern, autoscan, autopan, time tour, normal tour and power-on return
- Privacy mask and motion detection
- Local recording
- SD card storage, supports buffered video recording
- Heartbeat loss monitor, with SD card recording associated
- Compatible with Infinova's digital video surveillance software
- Standard SDK, easily to be integrated with other video surveillance software
- Onvif Profile S
- RS-485 control for easy adjustment
- Ex db II C T6 Gb/Ex tb III C T80°C, Db
- IP68 rating
- Remote upgrade via network.

# DESCRIPTION

Infinova VP130-A220 series HD 2MP Explosion-Proof IP PTZ Dome Camera is an advanced explosion suppression surveillance installation. It makes full use of both traditional explosion-proof devices and intelligent dome cameras, featuring attractive appearance, lightweight and flexible, easy operation, etc. The safety is ensured and meanwhile the usability is greatly increased. The product can be independently used in indoor environment where flammable and explosive gas exists.

This series dome camera provides users with a full set of digital high definition, high frame rate, and high signal noise ratio real time image acquisition system. This series dome camera supports H.264/M-JPEG dual encoding, three simultaneous streams HD video browsing and control and its resolution is up to 1920×1080@30fps.

The dome supports 33X HD integrated camera modules. The user-friendly GUI interface is designed for easy PTZ control and convenient camera parameter settings. Thus, it is easier to set the PTZ and perform operations with a mouse than traditional keyboard. In addition, the area zooming and image PTZ functions are also offered.

All products shall meet the provisions of standard Ex db IIC T6 Gb (-20 °C ≤ Ta ≤ +60 °C)/ Ex tb IIIC T80°C Db (-20 °C ≤ Ta ≤ +60 °C) IP68 (For IPX8: 1 meter & 1 hour)

VP130-A220 series domes also provide functions such as preset, pattern, autoscan and autopan, normal tour, timing tour, etc.

# TECHNICAL SPECIFICATIONS

<b>Lens (Visible)</b>			
Image Sensor	1/2.8" progressive scan CMOS	Audio Interface	1 input, linear level, impedance: 1kΩ; 1 output, linear level, impedance: 600Ω
Optical Zoom	33X	Two-way Audio	Available
Digital Zoom	12X	Mic & Speaker	-
Focal Length	f=6~200mm	<b>Image</b>	
Iris	F1.6~F3.5	Shutter	Auto (1/1s ~ 1/30,000s, adjustable)
Focus	Auto, Manual	WDR	WDR*/AD WDR*
FOV(H/V/D)	H: 62.10° ~ 1.88°; V: 36.83° ~ 1.09°; D: 69.10° ~ 2.17°	Exposure	Auto/Manual/Shutter
Lens Mount	-	Sensitivity	
<b>Lens (Thermal)</b>		Color mode: 0.4 lux @ F1.6 (1/30s, 350mV equiv., AGC-Gain: 48dB) 0.1 lux @ F1.6 (1/8s, 350mV equiv., AGC-Gain: 48dB)	
Imager Type	-	B/W mode: 0.01 lux @ F1.6 (1/8s, 350mV equiv., AGC-Gain: 48dB)	
Lens Type	-	White Balance	AUTO/MANU/SODIUM/MERCURY
Spectral Band	-	Video Adjustment	Sharpness adjustable, slow AE, night vision
Pixel Size	-	Noise Reduction	3D
NETD	-	S/N Ratio	>62dB
Focal Length	-	Defog	Available
FOV	-	EIS	On/Off
<b>Video</b>		Mirror	Off/H-mirror/V-mirror/HV-mirror
Camera Resolution (Visible Lens)	2MP	Corridor Mode	-
Camera Resolution (Thermal Lens)	-	Day/Night Switching	ICR
Max. Coding Capacity (Visible Lens)	Major stream: H.264- 30fps@1920×1080 Minor stream: H.264- 30fps@1280×720 Third stream: M-JPEG- 5fps@1920×1080	AGC	Available
Max. Coding Capacity (Thermal Lens)	-	BLC	On/Off
Data Rate	VBR/CBR Major stream: 256Kbps~1024Kbps	HLC	On/Off
Video Compression	H.264 high profile/M-JPEG independent coding	Privacy Mask	Up to 4 definable zones
Multi-Streaming	Three stream independent output	ROI	Up to 8 definable zones
Video Rotation	Video can be rotated by 90°, 180°	OSD	Supported
<b>Audio</b>		<b>Pan/Tilt Functions</b>	
Audio Compression	G.711	Preset	1024
Sample Rate	8KHz (for G.711-A, G.711-U); 16KHz, 32KHz, 44.1KHz, 48KHz (for AAC)	Pattern	12
		Autopan	12
		Normal Tour	16 (each tour can be associated with 14 acts, including preset 1~32, pattern 1~4, autopan 1~4)
		Home Return	Available
		Timing Tour	Available
		Autoscan	Available
		Area Zoom	Available

# TECHNICAL SPECIFICATIONS

<b>IR Illumination</b>		<b>Maximum Number of Users</b>	
Smart-IR	-	64, with 3 types of users available: administrator, normal user, and operator	
Wave Length	-	<b>Wiper</b>	-
Night Vision Distance	-	<b>Network</b>	
<b>Temperature Measurement</b>		<b>Network Interface</b>	1*RJ45 10/100M self-adaptive Ethernet port
Screening Function	-	<b>Network Protocols</b>	IPv4, TCP, UDP, IGMP, DHCP, FTP, SNMP(v3), SMTP, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, TSL, SSL, 802.1X, QoS, PPPoE, DNS, ARP, ICMP
Measurement Distance	-	<b>IP Address Filtering</b>	Support blacklist and whitelist filtering
Measurement Range	-	<b>Network Delay</b>	<300ms
Accuracy	-	<b>Environmental</b>	
<b>Smart Analytics</b>		<b>Anti-Static</b>	Air discharge: 8KV, contact protection: 6KV (for all ports)
<b>Video Analytics</b>	Motion Detection - Available, 4 areas Smart Video Analytics - wire crossing detection, intrusion detection	<b>Surge Protection</b>	±2KV
<b>Storage</b>		<b>Operating Temperature</b>	-40°F ~ +140°F (-40°C ~ +60°C)
<b>Storage Slots</b>	Supports dual cards	<b>Storage Temperature</b>	-40°F~140°F (-40°C~+60°C)
<b>Built-in Storage</b>	Up to 512GB	<b>Operating Humidity</b>	≤95% RH
<b>NAS Storage</b>	-	<b>Environmental Rating</b>	IP68
<b>Local PC Recording</b>	Available	<b>Impact Resistance</b>	IK10
<b>Alarm</b>		<b>Mechanical</b>	
<b>Alarm Ports</b>	2 Alarm input, 1 Alarm output	<b>Manual Speed</b>	Pan: 0.1° ~ 250°/s; Tilt: 0.1° ~ 90°/s
<b>Alarm Input</b>	I/O input, motion detection, smart analysis, SD card removal, network disconnection, heartbeat loss	<b>Preset Speed</b>	Up to 300°/s
<b>Alarm Association</b>	I/O output, email, FTP upload, audio, SD card snapshot, SD card recording	<b>Rotation Angle</b>	Pan: 360°; Tilt: -3°~90°
<b>System Functions</b>		<b>Preset Accuracy</b>	±0.1°
<b>Operating System</b>	Win7 and higher versions	<b>Electric Motor</b>	Stepping motor
<b>Browser</b>	IE8 and higher versions	<b>Electrical</b>	
<b>Access Protocol</b>	Onvif Profile S	<b>Power Supply</b>	24VAC/24VDC
<b>Multiple Access</b>	Up to 5-ch simultaneous access	<b>Power Consumption</b>	24VAC: 35W; 24VDC: 33W
<b>Web Server</b>	Available	<b>Physical</b>	
<b>Remote Upgrade</b>	Available	<b>Product Dimension (L×W×H) or (H x D)</b>	12.19" × 9.37" × 15.12" (309.5mm × 238mm × 384mm)
<b>Password Protection</b>	Available	<b>Package Dimension (L x W x H)</b>	54mm×40mm×45mm
<b>RS485 Port</b>	Available	<b>Unit Weight</b>	26.46lbs (12kg)
<b>Analog Video Out</b>	-	<b>Shipping Weight</b>	13kg
		<b>Certifications</b>	
		<b>Product Certifications</b>	IECEX; CCOE/PESO; CE; FCC; IK10; IP68; RoHS

# ORDERING INFORMATION

VP130-A220C761	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With wall mounted bracket, 304 Stainless Steel, 24VDC/24VAC
VP130-A220C762	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With wall mounted bracket, 316 Stainless Steel, 24VDC/24VAC
VP130-A220C763	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With wall mounted bracket, 316L Stainless Steel, 24VDC/24VAC
VP130-A220C771	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With lifting bracket, 304 Stainless Steel, 24VDC/24VAC
VP130-A220C772	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With lifting bracket, 316 Stainless Steel, 24VDC/24VAC
VP130-A220C773	HD Megapixel Explosion-proof IP PTZ Dome, Starlight, WDR, Intelligent, 2MP, 33X, 1/2.8"CMOS, Day/night, H.265/H.264/M-JPEG, With lifting bracket, 316L Stainless Steel, 24VDC/24VAC
<b>Accessories</b>	
<b>Power Supply</b>	
N3922-24A-2	AC to AC Power Supply, Plug-In, 230VAC, Output 24VAC, 3A
N3922-24D-2	AC to DC Power Supply, Plug-In, 230VAC, Output 24VDC 3A

