VT210-A2-BO Series H265 HD Megapixel Smart Starlight WDR IP Box Camera







- 1/2.8" progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Star-grade Sensitivity: 0.0015 lux
- Supports frame integration WDR, with dynamic range up to 132dB (True WDR)
- High-resolution image signal output: 1920×1080@30fps
- Auto Back Focus (ABF)
- Smart functions for perimeter protection (wire cross and regional invasion detection) and feature protection (field of view change, defocus, too dark, and too light detection)
- Three Simultaneous Video Streams: Dual H.265 & M-JPEG or Dual H.264 & Scalable M-JPEG
- Supports built-in storage/NAS
- Support alarm recording and event recording (including broken network)
- Supports alarm snapshot and event snapshot
- Bi-directional audio, G.711a and G.711u
- 2 alarm inputs, 1 on-off output
- Support multiple ways to trigger and handle alarms
- Up to four definable privacy mask areas
- Up to eight ROI (Region of Interest) areas
- Support simultaneous access and parameter setting via Web Server from multiple clients
- Compatible or able to integrate with digital video surveillance software, and other video surveillance software
- ONVIF Profile S & G compliant
- Standard SDK is provided for easy integration with other video surveillance software
- Wide voltage design

Infinova's VT210-A2-B0 series H265 HD megapixel smart starlight WDR IP box camera allows image output resolution up to 1920×1080@30fps. The camera provides excellent resolution and color reproduction, acquires richer and more accurate details and guarantees intelligent analysis accuracy in a more effective way, which caters for different application needs.

VT210-A2-B0 series boasts of rich intelligent functions, such as wire cross detection, regional invasion detection, field of view change detection, defocus detection, too dark detection and too light detection. The camera applies to various high-end businesses.

VT210-A2-B0 series camera is designed for safe city, rail transit and municipal construction. Particularly, it is widely used in city public security, highway, metro, station, exhibition hall, etc.

Technical specifications

Image Sensor	1/2.8" progressive scan CMOS	Internal Storage	Supports a Micro SD/SDHC/SDXC card (128G)
Lens Mount	C/CS	Ŭ	Supports uploading of recordings saved on TF card
ABF	Available	Mirror Storage	during network disconnection to the VMS or NVR
Auto Iris	DC drive		after network recovery
Day/Night		Privacy Mask	Up to 4 masks
Functionality	ICR	ROI	Up to 8 regions
Consitivity	Color mode: 0.01Lux @ F1.2;	Access Protocols	ONVIF2.4, CGI
Sensitivity	B/W mode: 0.0015 lux @ F1.2	Network Port	One RJ45 10/100M self-adaptive Ethernet port
Exposure	Auto/Manual		IPv6, TCP, UDP, IGMP, DHCP, FTP, SNMP (V3), SMTP,
Shutter	Auto/Manual (1/1s~1/32000s)	Available Protocols	NTP, RTP, RTSP, RTCP, HTTP, HTTPS, TSL, SSL, QoS,
DSS	Available		PPPoE, DNS, DDNS, ARP, ICMP, UPnP
AGC	Auto/Manual	Alarm	2 alarm inputs, 1 on-off output
White Balance	Auto/Manual/Outdoor	Alarm Input	I/O input, broken network, motion detection, smart alarm
WDR	132dB (True WDR)	Adminput	
Video Adjustment	Brightness, contrast, saturation, hue and sharpness adjustable	Alarm Association	I/O output, mail, snapshot, FTP upload, audio, TF card recording, sending alarm
S/N Ratio	≥50dB	RS485 Port	1-ch RS485 port
Noise Reduction	3D	Analog Video	1-ch BNC connector
Anti-fog	Available	Output	
EIS	Available	Operating System	Windows XP, Win Vista, Win7, Win8, Win10
Corridor Mode	Available	Browser	IE7, IE8, IE9, IE10, IE11
HLC	Available	Power Supply	12VDC±15%/24VAC (±25%)/PoE(802.3AF)
Image Mirror	Horizontal/Vertical mirror	Power	<6.5W
Video		Consumption	\
Compression	H.265/H.264/M-JPEG	Operating	-22°F ~ 158°F (-30°C ~70°C) (with/heater)
Maximum Coding		Temperature	
Capacity	1080P@30fps+720P@30fps+MJPEG1080P@5fps	Storage	-4°F ~ 158°F (-20°C ~ 70°C)
Audio	C 744- /C 744.	Temperature	
Compression	G.711a/G.711u	Operating	0~95% RH (non-condensing)
Audio Port	1 input (Linear level, Resistance: 1000 Ohm), 1 output (Linear level, Resistance: 600 Ohm)	Humidity	5.88"×2.97×2.84" (149.3mm ×75.5mm×72mm) (including BNC)
		Unit Dimensions (L×W×H)	
Audio Code Rate	8KHz, 12KHz 16KHz, 24KHz, 44KHz, 48KHz	Box Dimensions	(including BNC)
Web Server	Available	(L×W×H)	8.07"×4.92×3.94" (205mm×125mm×100mm)
Upgrade Online	Available	Unit Weight	1.21lbs. (0.55Kg)
Security	Password Protection	Shipping Weight	1.54lbs. (0.70Kg)
Smart Video	Wire cross detection, regional invasion detection, field of view change detection, defocus detection, too dark	Certifications and Approval	
Analytics		Product	CE/EMC: EN55022, EN55024, EN61000-3-2,
, and y clos	detection, too light detection	Certifications	EN61000-3-3 ¹ ; FCC: Part 15 Subpart B Class A ²
Timing Functions	Timing recording and snapshot	certifications	UL ³ , ISO 9001:2008, ONVIF Profile S & G
		Certificate No.: CTL15082	12422-EC ¹ ; CTL1508212422-FC ² ; E232008-A52 ³

Ordering information

7" camera bracket

10" camera bracket

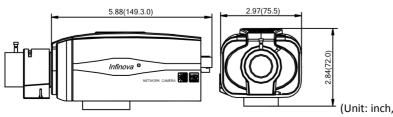
VT210-A2-B0

H265 HD Megapixel Smart IP Box Camera, 2.0MP, 1/2.8-inch CMOS sensor, Day/night, H.265/H.264/MJPEG, PoE/12VDC/24VAC

Accessories V1551-7

V1551-10

Dimensions



(Unit: inch, in the parentheses is mm)