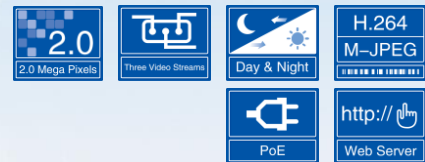


VT210-A2-A0 Series

2.0 Megapixel Smart Starlight WDR IP Box Camera

Infinova[®]
The Integrator's Manufacturer



- 1/1.9" progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Star-grade sensitivity: 0.0001 lux
- Supports frame integration WDR, with dynamic range up to 120dB
- 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 (scene change, defocus, low brightness, and high brightness detection)
- Three Simultaneous Video Streams: Dual H.265 + M-JPEG or Dual H.264 + Scalable M-JPEG
- Supports TF card storage/NAS
- Supports alarm recording and event recording (including network disconnection)
- Supports alarm snapshot and event snapshot
- Bi-directional audio, G.711-A/G.711-U/AAC
- 2 alarm inputs, 1 on-off output
- Supports multiple ways to trigger and handle alarms, such as I/O input, network disconnection, motion detection, smart analysis; supports flexible alarm associated settings like I/O output, email, FTP picture uploading, audio, TF card recording.
- Up to four definable privacy mask areas
- Up to eight ROI (Region of Interest) areas
- Supports 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 and ONVIF Profile G compliant

- Standard SDK is provided for easy integration with other video surveillance software
- With Analog Video Debugging Interface
- Wide voltage design

Infinova's VT210-A2-A0 series H265 HD Megapixel Smart Starlight WDR IP Box Camera allows image output resolution up to 1920×1080@30fps. Utilizing H.265/H.264/M-JPEG compression format, the camera provides excellent resolution and color reproduction, acquires richer and more accurate details and guarantees intelligent analysis accuracy in a more effective way,

VT210-A2-A0 series boasts of rich intelligent functions, such as wire cross detection, regional invasion detection, scene change detection, defocus detection, low brightness detection and high brightness detection, which caters for different application needs.

VT210-A2-A0 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	1/1.9" progressive scan CMOS
Lens Mount	C/CS
FOV	H: 37-104, V: 21-56, D: 43-120
ABF	Available
Auto Iris	DC drive
Day/Night Functionality	ICR
Sensitivity	Color mode: 0.001Lux @ F1.2; B/W mode: 0.0001Lux@F1.2
Exposure	Auto/Manual
Shutter	Auto/Manual (1/1s~1/32000s)
DSS	Available
AGC	Auto/Manual
White Balance	Auto/Manual/Outdoor
WDR	Supports frame integration WDR, with dynamic range up to 120dB.
Video Adjustment	Brightness, contrast, saturation, hue and sharpness adjustable
Noise Reduction	3D
Anti-fog	Available
EIS	Available
Corridor Mode	Available
Image Mirror	Horizontal/Vertical mirror
Video Compression	H.265/H.264/M-JPEG
Coding Capacity	1080P@30fps+720P@30fps+MJPEG1080P@5fps
Audio Compression	G.711-A/G.711-U/AAC
Audio Port	1 input (Linear level, Resistance: 1k Ω), 1 output (Linear level, Resistance: 600 Ω)
Audio Code Rate	8KHz for G.711-A/G.711-U 16KHz, 32KHz, 44KHz, 48KHz for ACC
Web Server	Available
Upgrade Online	Available
Password Protection	Available
Smart Video Analytics	Detection of wire cross, regional invasion, scene change detection, defocus detection, low brightness detection, and high brightness
Timing Functions	Timing recording

Built-in Storage	Supporting a Micro SD/SDHC/SDXC card (128G)
Privacy Mask	Up to 4 masks
ROI	Up to 8 regions
Access Protocols	ONVIF2.4, CGI
Network Port	One RJ45 10/100M self-adaptive Ethernet port
Available Protocols	IPv6, TCP, UDP, IGMP, DHCP, FTP, SNMP (V3), SMTP, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, TSL, SSL, QoS, PPPoE, DNS, DDNS, ARP, ICMP, UPnP
Alarm	2 alarm inputs, 1 on-off output
Alarm Input	I/O input, network disconnection, motion detection, smart analysis, SD card removal, heartbeat loss.
Alarm Association	I/O output, mail, snapshot, FTP upload, audio, TF card recording, sending alarm
RS485 Port	1-ch RS485 port
Analog Video Output	1-ch BNC connector
Operating System	Windows XP, Windows Vista, Win7, Win8
Browser	IE7, IE8, IE9, IE10, IE11
Power Supply	12VDC±15%/24VAC (±25%)/PoE(802.3AF)
Power Consumption	<6.5W
Operating Temperature	-22°F ~ 140°F (-30°C ~ 60°C) (with/heater)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	0~95% RH (non-condensing)
Unit Dimensions (L×W×H)	5.47"×2.97×2.84" (139mm×75.5mm×72mm) (excluding BNC)
Box Dimensions (L×W×H)	8.07"×4.92×3.94" (205mm×125mm×100mm)
Unit Weight	1.21lbs. (0.55Kg)
Shipping Weight	1.54lbs. (0.70Kg)

Certifications and Approval

Product Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3 ¹ , FCC: Part 15 Subpart B Class A ² , UL ³
Certificate No.:	¹ CTL1508212422-E; ² CTL1508212422-F; ³ E232008-A52

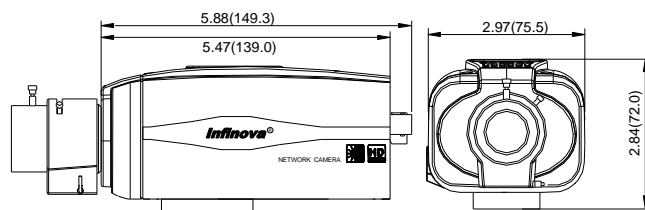
Ordering information

VT210-A2-A0 2.0 Megapixel Smart Starlight WDR IP Box Camera, 2.0MP, 1/1.9 inch CMOS sensor, Day/night, H.265/H.264/MJPEG, PoE/12VDC/24VAC

Accessories

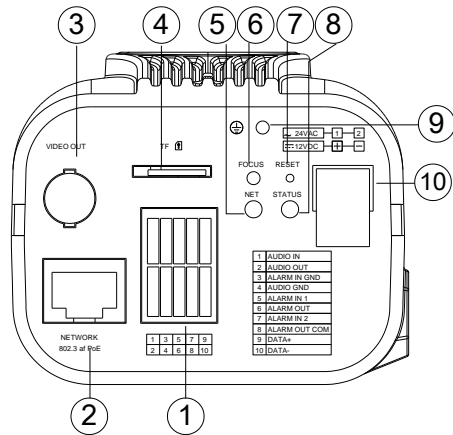
V1551-7 7" camera bracket
V1551-10 10" camera bracket

Dimensions



(Unit: inch, in the parentheses is mm)

Back panel



- (1) Audio Input /Output, Alarm Input /Output, RS-485 Terminal
- (2) Network Port (used for PoE power supply)
- (3) Analog Video Output
- (4) TF Card Slot
- (5) Network LED Indicator
- (6) Back Focus Adjusting
- (7) Reset
- (8) Status LED Indicator
- (9) Arrester Ground Terminal
- (10) Power Input Terminal