

VT210-A2-S0 Series H265 HD 2MP Smart Starlight WDR IP Box Camera

Infinova[®]
The Integrator's Manufacturer



- 1/2.8" progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Star-grade sensitivity: 0.0002 lux
- Supports frame integration WDR, with dynamic range up to 132dB
- High-resolution image signal output: 1920×1080@60fps
- Auto Back Focus (ABF)
- Smart functions for perimeter protection (wire cross and regional intrusion detection) and feature protection (scene change, defocus, low brightness, high brightness detection)
- Three Simultaneous Video Streams: Dual H.265 & M-JPEG or Dual H.264 & Scalable M-JPEG
- Supports SD card / NAS storage
- 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 alarms such as I/O input, motion detection, intelligent analysis, SD card out, network link down, and heartbeat loss; supports flexible alarm association settings, including I/O output, emails, FTP uploading, audio, and SD 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 & Profile G compliant
- Standard SDK is provided for easy integration with other video surveillance software
- Wide voltage design

Infinova's VT210-A2-S0 series H265 HD 2MP smart starlight WDR IP box camera, utilizing H.265/H.264/M-JPEG compression format, allows image output resolution up to 1920×1080@60fps. 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.

The camera supports multiple smart functions, such as wire cross detection, regional intrusion detection, and video anomaly detection (including scene change, defocus, low brightness, and high brightness), which can be applied in various high-end applications.

VT210-A2-S0 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 | | |
| Lens Mount | C/CS | | |
| | H | V | D |
| FOV f=2.8-12mm f=5-50mm | 26°-87° | 14°-49° | 29°-100° |
| | 10°-45° | 6°-24° | 11°-51° |
| ABF | Available | | |
| Auto Iris | DC drive | | |
| Day/Night Functionality | ICR | | |
| Sensitivity | Color mode: 0.002 lux @F1.2; B/W mode: 0.0002 lux @ F1.2 | | |
| Exposure | Auto/Manual | | |
| Shutter | Auto/Manual (1/1s~1/32000s scalable) | | |
| DSS | Available | | |
| AGC | Auto/Manual | | |
| White Balance | Auto/Manual/Outdoor | | |
| WDR | Supports frame integration WDR, with dynamic range up to 132dB | | |
| Video Adjustment | Brightness, contrast, saturation, hue and sharpness adjustable | | |
| Noise Reduction | 3D | | |
| Anti-fog | Available | | |
| EIS | Available | | |
| Corridor Mode | Available | | |
| HLC | Available | | |
| Image Mirror | Horizontal/Vertical mirror | | |
| Video Compression | H.265/H.264 switchable M-JPEG independent | | |
| Coding Capacity | 1080p@60fps+720p@30fps+M-JPEG 1080p@5fps /M-JPEG 1080P@15fps + 1080P@1fps | | |
| Audio Compression | G.711-A/G.711-U/AAC | | |
| Audio Code Rate | 8KHz for G.711-A/G.711-U; 16KHz, 32KHz, 44KHz, 48KHz for AAC | | |
| Audio Port | 1 input (Linear level, Resistance: 1kΩ), 1 output (Linear level, Resistance: 600Ω) | | |
| Web Server | Available | | |
| Upgrade Online | Available | | |
| Password Protection | Available | | |
| Smart Video Analytics | Wire cross detection, regional invasion detection, scene change detection, defocus detection, low brightness detection, high brightness detection, video loss detection, color cast detection and video tampering alarm | | |

| | |
|------------------------------------|---|
| Built-in Storage | Supports a Micro SD/SDHC/SDXC card (128G) |
| Mirror Storage | Videos in the SD card can be uploaded to the VMS or NVR after network is reconnected |
| 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, motion detection, intelligent analysis, SD card removal, network disconnection, heartbeat loss |
| Alarm Association | I/O output, email, FTP uploading, audio, SD card recording, alarm info push |
| 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) |
| Storage Temperature | -4°F ~ 140°F (-20°C ~ 60°C) |
| Operating Humidity | 0%~95% RH (non-condensing) |
| Unit Dimensions (LxWxH) | 5.47"×2.97×2.84" (139mm×75.5mm×72mm) (excluding BNC) |
| Box Dimensions (LxWxH) | 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.: ¹CTL1508212422-E; ²CTL1508212422-F; ³E232008-A52

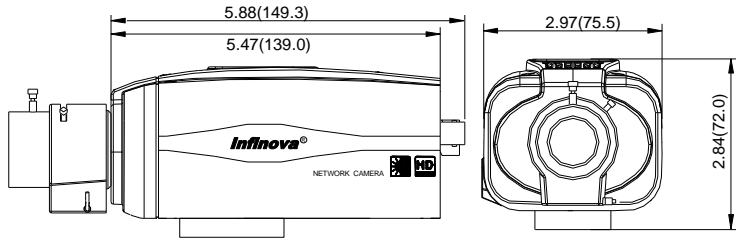
Ordering information

VT210-A2-S0 H265 HD 2MP Smart Starlight WDR IP Box Camera, 2MPx, 1/2.8 inch CMOS sensor, Day/night, H.265/H.264/MJPEG, PoE/12VDC/24VAC

Accessories

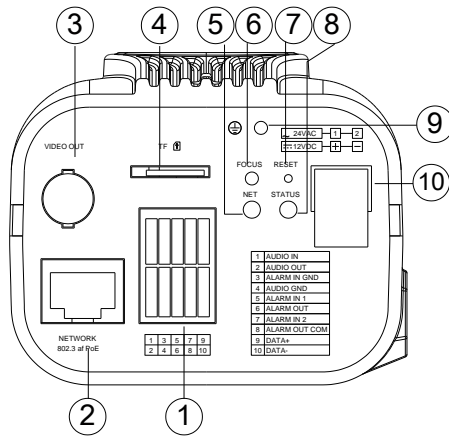
V1551-7 7" camera bracket
V1551-10 10" camera bracket

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