

VT210-A5-A0 Series

H265 HD 5MP Smart IP Box Camera

Infinova[®]
The Integrator's Manufacturer



- 1/1.8" progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Sensitivity: 0.001 lux
- High-resolution image signal output: 2592×1944@30fps, 1920×1080@60fps
- 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 TF card 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
- Supports multiple alarm trigger methods such as I/O input, broken network, motion detection, video tampering, smart detecting, etc.; supports flexible alarm association settings like I/O output, emails, FTP picture uploading, audio, TF card recording and alarm information push
- Supports WDR
- Up to four definable privacy maskareas
- 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 videosurveillance software, and other video surveillance software
- ONVIF Profile S compliant
- Standard SDK is provided for easy integration with other video surveillance software
- Analog Video Debugging Interface is provided
- Wide voltage design

Infinova's VT210-A5-A0 series H265 HD Megapixel Smart Starlight WDR IP Box Camera allows image output resolution up to 2592×1944@30fps or 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.

VT210-A5-A0 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-A5-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	1/1.8" progressive scan CMOS
Lens Mount	C/CS
ABF	Available
Auto Iris	DC drive
Day/Night Functionality	ICR
Sensitivity	Color mode: 0.01lux (F1.2, AGC ON); B/W mode: 0.001lux (F1.2, AGC ON)
Exposure	Auto/Manual
Shutter	Auto/Manual (1/1s~1/32000s)
DSS	Available
AGC	Auto/Manual
White Balance	Auto/Manual/Outdoor
WDR	120dB
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
Maximum Coding Capacity	H.264/H.265+M-JPEG: -30fps@2592x1944+30fps@720x480+5fps@720x480; -60fps@1920x1080+60fps@720x480+5fps@720x480
Audio Compression	G.711a/G.711u
Audio Port	1 input (Linear level, Resistance: 1000 Ohm), 1 output (Linear level, Resistance: 600 Ohm)
Audio Code Rate	8KHz, 16KHz
Web Server	Available
Upgrade Online	Available
Password Protection	Available
Smart Video Analytics	Wire cross detection, regional invasion detection, field of view change detection, defocus detection, too dark detection, too light detection
Timing Functions	Timing recording and snapshot

Internal Storage	Supports a Micro SD/SDHC/SDXC card (128G)
Mirror Storage	Supports uploading of recordings saved on TF card during network disconnection to the VMS or NVR after network recovery
Privacy Mask	Up to 4 masks
ROI	Up to 8 regions
Access Protocols	ONVIF2.4, CGI2.7
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, broken network, motion detection, video tampering, smart detecting
Alarm Association	I/O output, emails, FTP picture uploading, audio, TF card recording and alarm information push
RS485 Port	1-ch RS485 port
Analog Video Output	1-ch BNC connector
Operating System	Windows XP, Win7, Win8, Win10
Browser	IE7, IE8, IE9, IE10, IE11
Power Supply	12VDC±15%/24VAC (±30%)/PoE(802.3AF)
Power Consumption	<7.5W
Protection Design	6KV ESD protection, 2KV surge protection
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)	5.88"x2.97"x2.84" (149.3mm x75.5mmx72mm) (including BNC)
Box Dimensions (LxWxH)	8.07"x4.92"x3.94" (205mmx125mmx100mm)
Unit Weight	1.21lbs. (0.55Kg)
Shipping Weight	1.54lbs. (0.70Kg)
ONVIF Profile G	Supported
Certifications and Approval	
Product	CE/EMC: EN55022, EN55024, EN61000-3-2, EN61000-3-3 ¹ ; FCC: Part 15 Subpart B Class A ² UL ³ , ISO 9001:2008

Certificate No.: CTL1508212422-EC¹; CTL1508212422-FC²; E232008-A52³

Ordering information

VT210-A5-A0 H265 HD Megapixel Smart IP Box Camera, 5.0MP, 1/1.8 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

