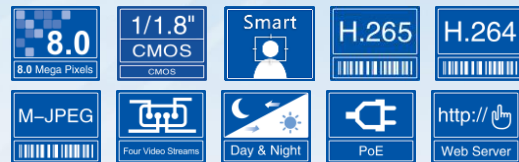


VS210-Q6 Series HD 8.0MP Starlight WDR IP Bullet Camera

Infinova[®]
The Integrator's Manufacturer



- 1/1.8 " progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Sensitivity: 0.0001 lux
- High-resolution image signal output: 3840 x 2160@30fps
- Supports frame integration WDR, with dynamic range up to 120dB
- Built-in ICS motorized zoom lens, supporting quick focusing
- H.265/H.264/M-JPEG video encoding, four streams
- Supports vivid intelligent detection functions:
 - 7 abnormal video detections: camera tampering, scene change, defocus, low brightness, high brightness, video loss, and color cast
 - 10 behavior-analysis detections: motion detection, wire crossing detection, intrusion detection, loitering detection, object abandoned detection, object lost detection, abnormal sound detection, crowd detection, fast moving detection, and fighting detection
 - 4 statistics detections: people counting, density detection, queue length detection, and dwelling detection
 - 3 feature detections: face detection, vehicle detection, and human detection
- Based on deep learning, supports face detection, face tracking and snapshot.
- Supports snapshots priority selection and duplicate deletion, which means captured face images can have a prioritized selection according to the face angle and the image definition so as to ensure the invalid images will not be uploaded to the platform for secondary research and analysis.
- Able to detect faces within pitch angle $\pm 20^\circ$, right and left deflection $\pm 40^\circ$, and right and left tilt $\pm 30^\circ$.
- Able to detect faces that the pupil distance is as much as 20 pixels.
- Able to detect 32 faces simultaneously in a scene.
- With a width of 8m in the center area of face detection, it can effectively cover every major entrance/exit and reduce the cost of deployment.
- Supports intelligent exposure on face image.
- Supports regional configuration of face detection, compatible with large scene surveillance and face capture.
- Supports built-in storage/NAS

- Bi-directional audio, G.711-U/G.711-A/AAC
- 2 alarm inputs, 1 on-off output
- Supports multiple alarm trigger methods such as I/O input, intelligent detection, SD card removal, SD picture full, SD record full, network disconnection, heartbeat loss, etc.; supports flexible alarm association settings like I/O output, emails, FTP picture uploading, audio, TF card recording and alarm information push
- Up to 8 ROI (Region of Interest) areas
- Support simultaneous access and parameter setting via Web Server from multiple clients
- Compatible with Infinova digital video surveillance software
- Standard SDK is provided for easy integration with other systems
- Onvif Profile S. Onvif Profile G
- POE/12VDC/24VAC power supply

Infinova VS210-Q6 Series Starlight Intelligent WDR IP bullet camera features 1/1.8" progressive scan CMOS sensor and built-in ICS motorized Vari-focus lens. With H.265/H.264/M-JPEG compression format utilized, this camera outputs D videos with the resolution of 3840x2160@30fps and four streams, which can provide excellent definition and color restoration, obtain more accurate image details and safeguard the precision of intelligent analysis.

Boasts of rich intelligent functions, this camera supports facial detection and face snapshot. The facial detection could be set as alarm events and would trigger image capture and upload the images to our V2233 Intelligent Platform for secondary detection and analysis. The camera applies to the "spot detection" in the video surveillance of Safe City.

VS210-Q6 series camera is widely used in normal buildings, supermarkets, hotels, shops, parks, schools, factories, warehouses, underground parking lots and other high-resolution surveillance applications.

Technical specifications

Image Sensor	1/1.8 " progressive scan CMOS
Lens Mount	CS (i-CS lens control agreement)
Iris	i-CS auto control
Day/Night Switching	ICR
Sensitivity	Color mode: 0.001 Lux @ F1.5(AGC ON) B/W mode: 0.0001Lux @ F1.5(AGC ON)
Exposure	Scene, Manual, Shutter
Shutter	Auto/Manual (adjustment range 1/1s-1/32000s)
Slow Shutter	Available
AGC	Auto/Manual
White Balance	Auto/Manual/Outdoor
WDR	Supports frame integration WDR, with dynamic range up to 120dB
HLC	Available
Video Adjustment	Brightness, contrast, saturation, chroma, sharpness
Noise Reduction	3D
Defog	Available
EIS	Available
Corridor Mode	Available
Image Mirror	Horizontal/Vertical mirror
Video Rotation	90°, 180°, 270°clockwise rotation
Video Compression	H.265/H.264/M-JPEG
Max. Encoding Capacity	H.264/H.265 -30fps@3840×2160+30fps@1920×1080+30fps@1920×1080+30fps@ (720×576/720×480) H.264/H.265+M-JPEG -30fps@3840×2160+30fps@1920×1080+M-JPEG 30fps@3840×2160+30fps@ (720×576/720×480)
Video Encoding	Supports independent outputting four streams
Network Delay	220ms
Audio	Compression: G.711-A/G.711-U/AAC Sampling rate: 8KHz (for G.711-A, G.711-U), 16KHz 32 KHz, 44.1KHz, 48 KHz optional (for ACC) Port: 1 linear input, linear level, resistance: 1000 Ohm 1 linear output, linear level, resistance: 600 Ohm
Smart Video Analytics	Abnormal video detections: camera tampering, scene change, defocus, low brightness, high brightness, video loss, and color cast Behavior-analysis detections: motion detection, wire crossing detection, intrusion detection, loitering detection, object abandoned detection, object lost detection, abnormal sound detection, crowd detection, fast moving detection, and fighting detection Statistics detections: people counting, density detection, queue length detection, and dwelling detection Feature detections: face detection, vehicle detection, and people detection

Smart Video Analytics	Supports face detection, face tracking and snapshot based on deep learning Supports snapshots priority selection and duplicate deletion. Face images or scene images can be uploaded to the platform for secondary research and analysis Supports intelligent exposure
Web Server	Available
Remote Network Upgrade	Available
Password Protection	Available
Internal Storage	Micro SD/SDHC/SDXC card (up to 256GB)
Private Mask	Up to four areas
ROI	Up to eight areas
Access Protocol	ONVIF Profile S & Profile G, CGI 2.7
Network Port	One RJ45 10/100M self-adaptive Ethernet port
Network Protocols	IPv4/IPv6,TCP,UDP,IGMP,ICMP,IGMPv2/3,DHCP,SNMP (V1/V3),FTP,SMTP,NTP,RTC,RTP,RTSP,RTCP,HTTP,HTTPS,SSL,802.1x,QoS,PPPoE,DNS,DDNS,ARP,UPnP,IP Filter, TLS, DES, Multicast
Alarm Input	2 alarm inputs, 1 on-off output I/O input, intelligent detection, SD card removal, SD picture full, SD record full, network disconnection, heartbeat loss
Linkage	I/O output, emails, FTP picture uploading, audio, TF card recording, alarm information push, SD card snapshot, and SD card recording
Network Port	RS485
Analog Video Output	Available, BNC connector
Operating System	Windows XP, Win7, Win8, Windows10
Browser	IE8, IE9, IE10,IE11
Power Supply	PoE (IEEE 802.3af)/12VDC(±20%)/24VAC(±30%)
Power	≤6.5W
Protection Design	2KV surge, 6KV static
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 (L×W×H)	5.88"×2.97"×2.84" (149.3mm×75.5mm×72mm) (Including 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. (0.7Kg)

Ordering information

VS210-Q6-A0 HD IP Bullet camera, Intelligent, Starlight, WDR, 8.0Mpx, 1/1.8 inch CMOS sensor, Day/night, H.265/ H.264 /M-JPEG, ICS motorized lens, PoE/12VDC/24VAC

Accessories

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

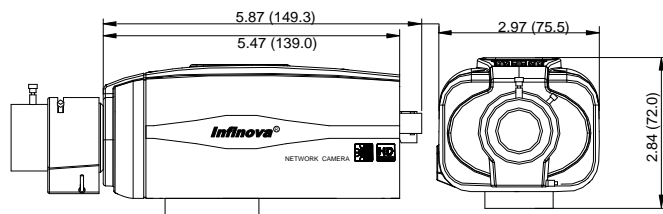
Housings

V1405-10SH 10", indoor/outdoor, with total length of 40mm, with sun shield& heater, 24VAC/220VAC

Lenses

V1183-0410-BAR-i 1/1.8 inch CMOS sensor , 3.9-10mm , F1.5 , I²C auto control iris , CS mount , 10 MP , I-CS lens
V1183-0950-BAR-i 1/1.8 inch CMOS sensor , 9-50mm , F1.5 , I²C auto control iris , CS mount , 10 MP , I-CS lens

Dimensions



(Unit: inch, in the parentheses is mm)