



ST-Q800B-VCA

Quadruple Streaming
8 MP Intelligent IP
Camera

Features

- 8MP Progressive Scan High Class CMOS Sensor
- H.264 / H.265 8MP@25fps or Ultra HD 4k2k @30fps
- Multiple Region of Interest (ROI)
- High Dynamic Range (120dB)
- Mult codec support (H.265 / H.264 / MJPEG)
- Compression- H.264 / H.265/ Baseline / Main / High Profile + MJPEG
- Auto Back Focus (ABF)
- 3D Motion Compensated Noise Reduction
- Micro SD/SDHC/SDXC Card support
- Triple Power Support- PoE / DC12V / AC24V
- ONVIF Profile S Conformance
- Built-In Video Analytics including:
 - * Abandoned Object
 - * Intrusion Detection
 - * Camera Sabotage
 - * Wrong Direction
 - * Loitering Detection
 - * Object Counting
 - * Object Removal
 - * Stopped Vehicle

Technical Specifications

Image Sensor	1/1.8" Sony Progressive CMOS
Effective Pixels	8M (3864x2180)
Minimum Illumination	0.1 lux @F1.8 (Color) 0.01 lux @F1.8 (B/W)
Shutter Speed	1 ~ 1/10000 sec.

Image Setting

Backlight Compensation	On / Off (w/ Motion Compensation)
White Balance	Manual / AWB / ATW / One Push
Noise Reduction	3DNR / 2DNR / ColorNR
Wide Dynamic Range	120dB
Privacy Mask	On / Off
Brightness	Manual
Exposure	Auto / Manual
Sharpness	Manual
Contrast	Manual
Saturation	Manual
Digital Zoom	Support
Privacy Mask Type	Color
ICR	Auto / Day / Night / Smart
IR Threshold	Adjustable Levels
Motion Detection	On / Off / By Schedule
SNR	>=55dB

Built-in Analytic

Abandoned Object	On / Off / By Schedule
Intrusion Detection	On / Off / By Schedule
Camera Sabotage	On / Off / By Schedule
Wrong Direction	On / Off / By Schedule
Loitering Detection	On / Off / By Schedule
Object Counting	On / Off / By Schedule
Object Removal	On / Off / By Schedule
Stopped Vehicle	On / Off / By Schedule

Event setting

Tampering Alarm	On / Off / By Schedule
Network Failure Detection	By Schedule / On / Off
Audio Detection	On / Off

Audio

Two-way Audio	Line in / Line Out
Compression	G.711 / G.726 / AAC / LPCM
MIC	Yes

Network

Interface	RJ-45, 1Gbps Ethernet
Video Compression	MJPEG / H.264 / H.265 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile
Video Streaming	Single: H.264/ H.265 8MP (3864x2180) @20fps Dual: H.264/ H.265 8MP (3864x2180) @15fps + H.264/ H.265 1080P @15fps or H.264/ H.265 4K (3864x2180) @ 20 fps + 1080p @ 20 fps Note: 1 of the 2M or under streamings can be MJPEG Quad: H.264/ H.265 1080P @50/60 fps + H.264 SXGA @25/30 fps + H.264/ H.265 720P @25/30 fps + H.264/ H.265 D1 @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG
Video Resolution	H.264: 8MP (3864x2180) / 4K2K/ Full HD 1080P / SXGA/ 720P / XGA / SVGA / D1 / VGA / CIF / QVGA MJPEG: Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA /CIF / QVGA
Video Windows under ePTZ	4
Protocol	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Video Transmission	Unicast/Multicast
Security	HTTPS / IP Filter / IEEE 802.1X

Input Alarm	1 Set 5V	10kΩ pull up
Output Alarm	1 Set	Photo Relay Output 300V DC/AC
Event Notification	HTTP / FTP / SMTP	
Micro SD	Micro SD/SDHC/SDXC Card support	
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari	
User Account	20	
Password Levels	User and Administrator	

Mechanical

Lens Mounting	CS Mount
LED Indicator	Power / Link / ACT

Connectors

Iris Control	DC Iris (Auto/Manual)
Alarm	4 Pin Terminal Block, Pitch 3.5 mm
Power	DC jack or 2pin Terminal Block
Ethernet	RJ-45
Analog Video	1.0 Vp-p / 75 Ω, BNC
Audio	Line in / Line Out
RS 485	N/A

General

Operating Temperature	-30°C ~ 65°C
Humidity	10% ~ 90%, No Condensation
Dimension	150X82X52 mm (L x W x H) w/o Lens
Weight	395g (0.87 lb) w/o lens
Power Source	DC 12V / AC 24V / PoE
Power Consumption	max 8.5W
Regulatory	CE / FCC

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT



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