

VTC-IR5NZ3212P

Virtuoso Series 5 MegaPixel IP-67WDR IP Bullet Camera
[preliminary specs]



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Virtuoso

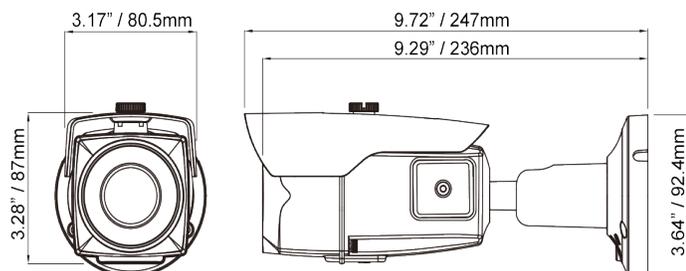


KEY FEATURES



- 1/2.8" 5.69 MegaPixel Sony STARVIS® CMOS Sensor
- 5 MegaPixel Network Camera (2592x1944px @ 30/25fps)
- ONVIF Compliant with Zero Configuration, ONVIF Event Mapping
- 30 IR LEDs with 100' IR Range
- Cross Web Browsing (IE, Edge, Safari, Firefox, Chrome)
- Adaptive Web-based Resizing (Layout/Display Device Resolution Dependent)
- Quad Streaming: H.265, H.264 & MJPEG
- HTML5 Playback
- MicroSD Memory Card Slot (Supporting Local Recording up to 128GB)
- ICR Dual Filter Switch
- F=2.7 ~ 12mm Motorized Zoom Lens with Auto Focus
- 120dB Dynamic Range with DOL (Digital OverLap) WDR @30/25fps
- Improved Noise Reduction with XD-DNR
- LDC (Lens Distortion Compensation)
- Smart Stream, Rol (Region of Interest)
 - Enables smart processing of video data according user needs
 - Enables high quality video on Rol and lower quality video on non Rol
 - Lowers overall bandwidth and reduces storage burden
- Motion Detection, Privacy Masking, Defog, D-Zoom(~10x), Mirror/Flip, Sens-up (Slow shutter), Hue, Contrast, Brightness / Saturation, Sharpness, Vertical View (90°/270°)
- Circuit Protection Protects Against Faulty Connection in Power Polarity
- Isolated Power Supply Protects Against Ground Loop Problem
- Built-in Fan and Optimized Cooling system
- One Touch 3-Axis Locking Bracket
- Dual Window
- IP-67 Ingress Protection
- 12VDC, 24VAC and PoE Operation (Power over Ethernet, IEEE Std. 802.3af)

DIMENSIONS



SPECIFICATIONS

Imaging Sensor	1/2.8" Sony 5.69 MegaPixel Sony STARVIS® CMOS Sensor
Effective Pixels	2592(H) x 1944(V)
Scanning Mode	Progressive Scan
S/N Ratio	51dB
IR LEDs / Range	30 850nm Dynamic Intensity IR LEDs / 100'
Lens	F=2.7 ~ 12mm Motorized Zoom Lens
Day/Night	ICR by Auto, Day, Night, External, Color D/N
Auto Exposure	Automatic (Priority: Frame rate/Low noise), Manual
Shutter Speed Control	Automatic: Min. 1/10,000 sec ~ Max.1/30 sec Manual: Min. 1/10,000 sec ~ Max.1/30 sec
Gain Control	Automatic: ~ Max. 54dB / Manual: ~ Max. 54dB (default: 1.2dB)
Auto White Balance Mode	ATW-Indoor/Outdoor, Shade, Clear sky, Fluorescent light, Light bulb, Flame, Manual
DOL WDR	120dB Dynamic Range with Digital Overlap by Triple Scan Images at 30/25fps
DNR	XD-DNR (2D-NR, 3D-NR)
Functions	Motion Detection, Privacy Mask, Defog, D-Zoom(~x10), Mirror/Flip, Sens-up(Slow shutter), Brightness, Contrast, Saturation, Sharpness, Hue, LDC, Vertical View (90°/270°)
Installation Temp.	-4°F ~ 122°F (-20°C ~ +50°C) / Humidity : 20%RH ~ 80%RH
Operating Temp.	-4°F ~ 122°F (-20°C ~ +50°C) / Humidity : 20%RH ~ 80%RH
Dimensions	3.17" W x 3.43" H x 9.72" L (80.5 x 87 x 247mm)
Weight	1.98lbs (900g)
Ingress Protection	IP-67
Housing	Aluminum Cast, Dual window, Fan & Optimized Cooling system, One Touch 3-Axis Locking Bracket
Power Input	PoE(IEEE Std. 802.3af), DC12V/AC24V
Pwr Consump. (12VDC, 24VAC)	350mA (IR Off) / 1010mA (IR On), 175mA (IR Off) / 505mA (IR On)
Power Consumption (PoE)	8.5 Watts
NETWORK SPECIFICATIONS	
Video Compression	H.265 Main profile, H.264(High, Main, Base line profile) MJPEG
Video Resolution	2592x1944, 560x1440, 2048x1536, 1920x1080, 1280x1024, 1280x720, 704x480, 704x576, 640x480, 352x288, 320x240
Video Frame Rate	Up to 30@2592x1944px
Video Streaming	Simultaneous H.265 and MJPEG (Quad Streaming) or Simultaneous H.264 and MJPEG (Quad Streaming) Independent Frame Rate and Bandwidth Control, VBR/CBR Mode
FTP Uploading	MJPEG Still Image
Login Authority	Administrator, Operator, Guest
Security	Multi User Authority, IP Filter, HTTPS, Vid. Stream, Export/Import
Network Time Sync.	Synchronize Computer/NTP Server, Manual
Software Reset	Restart, Reset, Factory Default
Auto Recovery	Backup, Restore
Remote Upgrade	Using Web Browser
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Built-In Web, ONVIF Compatible 3rd Party VMS
SD Memory Card	Slot for 128GB Micro SD Memory Card (H.264 recording)
SDK Support	API, ONVIF Profile S Compliant

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