VTC-IR8NZ4213PN

Virtuoso Series 8MP MegaPixel (4K) Motorized Lens Bullet Camera
with Integrated Junction Box [PRELIMINARY SPECS]

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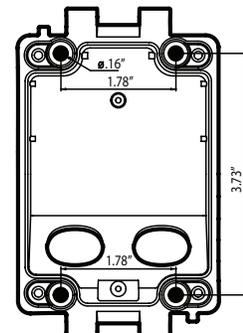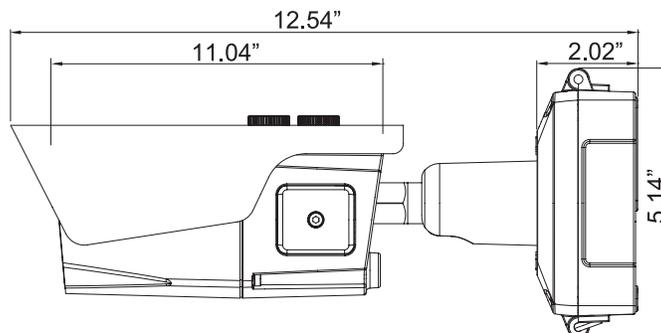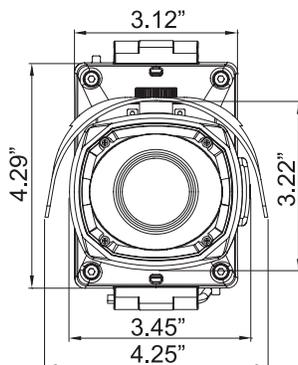INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 1/2.8" 8.46 (4K) MegaPixel RGB Bayer Array CMOS Sensor
- 8 MegaPixel (4K) Network Camera (3840 × 2160px @ 30/25fps)
- ONVIF Compliant with Zero Configuration, ONVIF Event Mapping
- Cross Web Browsing (IE, Edge, Safari, Firefox, Chrome)
- 5 Hi Pwr IR LEDs with up to 130' IR Range
- Adaptive Web-Based Resizing (Layout/Display Device Res. Dependent)
- Quad Streaming: H.265:+, Main, H.264:+, High, Main, Base, & MJPEG
- MicroSD Memory Card Slot (Supporting Local Recording up to 256GB)
- HTML5 Playback
- Alarm Input/Output
- ICR Dual Filter Switch
- F=2.7~13.5mm Motorized Varifocal Lens
- 120dB Dynamic Range with DOL (Digital OverLap) WDR @30/25fps
- Improved Noise Reduction with XD-DNR
- LDC (Lens Distortion Compensation), VCA (Video Contents Analysis)
- Line Crossing, Field intrusion, Appear/Disappear
- Smart Stream, RoI (Region of Interest)
  - Enables Smart Processing of Video Data According to User's Needs
  - Enables High Quality Video on RoI and Lower Quality Video on non-RoI
  - Lowers Overall Bandwidth and Reduces Storage Burden
- Privacy Mask, Motion Detection, HLC/ BLC, Digital Zoom(~×8),Mirror/Flip, Contrast, Brightness, Hue, Saturation, Sharpness, VerticalView 90°/270°
- Circuit Protection Against Faulty Connection in Power Polarity
- Isolated Power Supply Protects Against Ground Loop Issues
- IP-68 Protection, Built-in Fan and Optimized Cooling system, Heat-sink System, Dual Window
- One Touch 3-Axis Locking Bracket with Junction Box
- 3-Axis Mount with Simple One-Turn Positioning Lock for Ease of Installation
- Integrated Junction Box
  - RJ-45 and Network Wiring Connector (LSA) Provided
  - Junction Box Cover Opening (Tamper) Alarm Can be Triggered and Integrated with Various Event Actions.
- 12VDC, 24VAC or PoE Operation (Power over Ethernet, EEE Std. 802.3af)
- 3-Year Warranty

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Virtuoso

NDAA COMPLIANT **TAA COMPLIANT**

HTML5 **SONY STARVIS** **Onvif**

Available on the App Store **ANDROID APP ON Google play**

IP NETWORK **STARLIGHT TECHNOLOGY** **4K 8MP**

VIRTUOSO SERIES 8 MEGAPIXEL (4K) PREMIUM IP CAMERAS WITH ONVIF S, MULTI-VENDOR DIRECT INTEGRATION AND MUCH MORE!

Ultra-Rugged, High Performance Virtuoso camera designs are produced for all environmental conditions and long life. With an 8.46 MegaPixel "Starvis" Image Sensors, this camera achieves impeccably vibrant image quality even in extremely low light conditions. Triple Scanned Digital Overlap Wide Dynamic Range cuts glare in the most difficult indoor and outdoor lighting environments such as casinos and ports. Dual Voltage 12/24V operation (also PoE for IP models) reduces the challenge of cable distance constraints.

VIRTUOSO SERIES	NETWORK	8 MEGAPIXEL	IR LED ILLUMINATION	MOTORIZED VARIFOCAL LENS	IP68 WEATHER RESISTANCE

3.12"
4.29"
3.22"
3.45"
4.25"

12.54"
11.04"
2.02"
5.14"

ø.16"
1.78"
1.78"
3.73"

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Camera with Integral Junction Box [PRELIMINARY SPECS]

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FEATURES

LENS DISTORTION CORRECTION:

LDC OFF
The design of CCTV lenses can cause optical distortions.

LDC ON
Virtuoso LDC corrects distortions with A.I. Powered Dewarping!
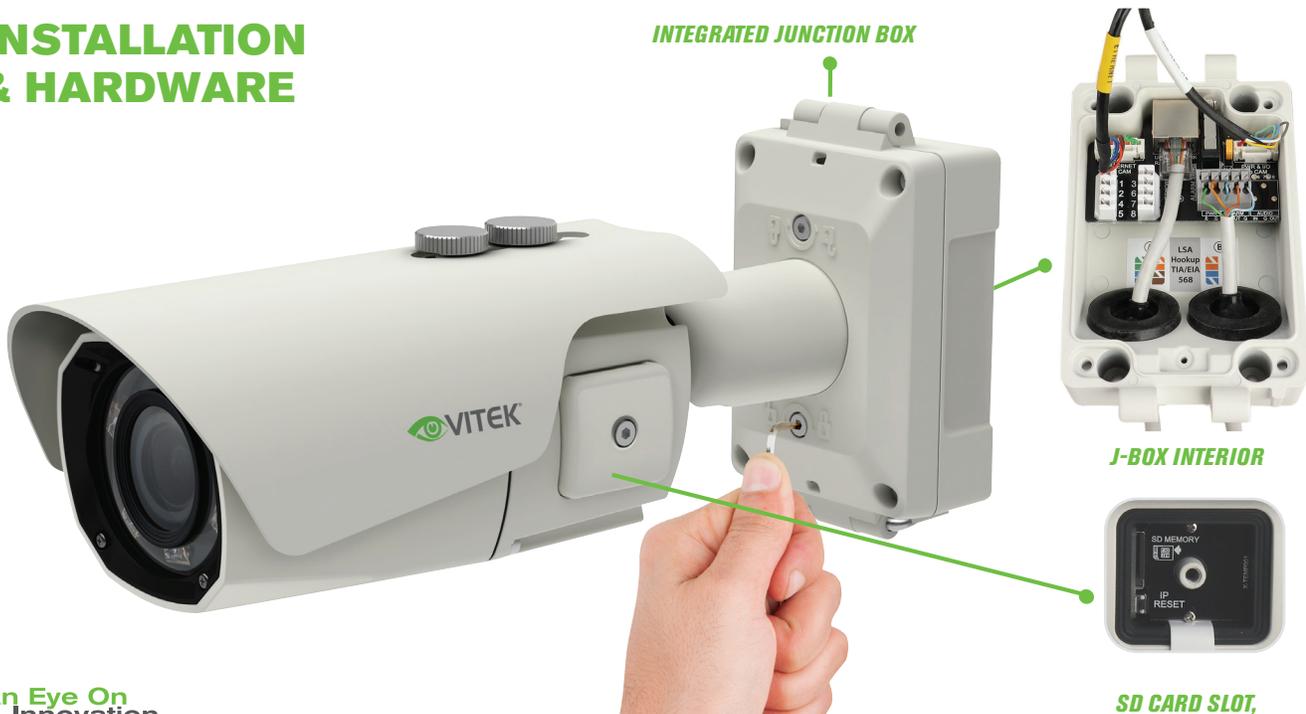
VIRTUOSO SERIES TRUE 120DB WDR:

WITHOUT WDR
The bright background prevents proper exposure of the subject.

WITH VITEK WDR
The entire frame is clearly visible & exposed wih True 120db WDR!

INSTALLATION & HARDWARE

INTEGRATED JUNCTION BOX

J-BOX INTERIOR

LSA Hookup TIA/EIA 568

SD MEMORY

IP RESET

SD CARD SLOT, IP RESET BUTTON

An Eye On
Innovation

www.vitekcctv.com

SINCE 1997

Imaging Sensor	1/2.8" 8.46MP (4K) RGB Bayer Array CMOS Progressive Scan Sony STARVIS® Sensor*
Effective Pixels	3840(H) × 2160(V)
Sensitivity	Color: 0.15 Lux, B/W : 0.01 Lux
S/N Ratio	50dB
IR LEDs / Range	5 Hi Pwr 850nm IR LEDs / Up to 130'
Exposure	Automatic, Manual
Lens	F=2.7~13.5mm Motorized Vari-Focal Lens
Day/Night	Auto by TTL (Through the Lens), Day, Night, External
Shutter Speed	1/30,000 sec ~1/30 sec
Gain Control	Automatic: ~ Max. 54dB / Manual: ~ Max. 54dB (def. 1.2dB)
Auto White Balance	Automatic, Outdoor, Light bulb, Fluorescent light, Clear sky, Shade, Manual
Digi Overlap (DOL) WDR	120dB Dynamic Range w/ DOL: Triple Scan Images @ 30/25fps
DNR	XD-DNR (2D-NR, 3D-NR)
Functions	HLC/BLC, Motion Det., Privacy Mask, D-Zoom(~×8), Mirror/Flip, Sens-up (Slow shutter), Brightness, Contrast, Saturation, Sharpness, Vertical View 90°/270° Vertical View (90°/270°)
Audio	N/A
Ingress Protection	IP68
Housing	Aluminum Cast, Dual Window, Cooling Fan+Optimized Heat Sink System, 1-Touch 3-Axis Locking Bracket+J-Box
Power Source	PoE(IEEE Std. 802.3af), DC12V/AC24V *Circuit protection against faulty power polarity connection & isolated loop problem*
Power Consumption	DC 570mA (IR Off) / 1080mA (IR On), AC 285mA (IR Off) / 540 (IR On) / PoE 8.5 Watts
Video Compression	H.265+ (Smart), H.265, H.264+ (Smart), H.264 & MJPEG
Video Resolution	3840 × 2160 (4K), 3072 × 1728, 2560 × 1440, 1920 × 1080 [Full HD], 1600 × 900, 1280 × 720 [HD]
Video Frame Rate	Up to 30fps @ 3840 × 2160p (4K)
Video Streaming	Simult. H.265/+ (Smart), H.264/+ (Smart), MJPEG (Multi Streaming) Independent Frame Rate/Bandwidth Control, VBR/CBR
FTP Uploading	MJPEG Still Image
Login Authority	Administrator, Operator, Guest
Security	Multi User Authority, IP Filter, HTTPS Video Stream, Import/Export
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
Client Software	Built-In Web, ONVIF Compatible 3rd Party VMS
SD Memory Card	Slot for 256GB MicroSD Memory Card (H.264 recording)
Alarm	Input / Output
SDK Support / ONVIF	API / Profile S & T Compliant
Install / Operating Temp.	-4°F ~ 122°F (-20°C ~ 50°C) / Humidity : 20% ~ 80%RH
Dimensions (L × W × H)	12.54" × 4.25 × 5.14" / 318.4mm × 108mm × 130.5mm
Weight	3.64lbs (1.65kg) with J-Box