VTC-CB5PN

Virtuoso Series Premium Starlight 5 MegaPixel Dual Voltage / PoE Network Box Camera with Triple Streaming and Motion Detection

VITEK ®
INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 1/2.8" 5.69 Megapixel Sony® STARVIS Progressive Scan Starlight CMOS Sensor
- Image Size (Effective): 5 MegaPixel (2592 × 1944)
- Up to 30fps live view @ 5 MegaPixel
- H.265 / H.264 / MJPEG
- Video Streaming: Triple multi-streaming with simultaneous H.265, H.264, and MJPEG for integration with VITEK VMS and 3rd party apps/software
- Motion Detection via A.I. (Artificial Intelligence)
- Four A.I. Object Classifications for Human, Face, Cat, and Dog
- Privacy Mask, Defog, D-Zoom(~x16), Highlight Correction / Backlight Correction, Mirror/Flip, Sens-up (Slow shutter), Hue, Brightness, Contrast, Saturation, Sharpness, VerticalView(90°/270°)
- Day / Night Modes: ICR (Auto), Day, Night, External, Color D/N
- CS Mount Lens Support (Not Included)
- Remote Viewing with Chrome Firefox, Safari, Edge, IE
- Alarm In / Out
- External Audio In / Out*
- MicroSD Card Slot for Local Recording (up to 256GB)
- PoE / 12VDC / 24VAC Operation
- NDAA & TAA Compliant
- 3-Year Warranty

Virtuoso

NDAA COMPLIANT   TAA COMPLIANT

*Lens Not included.

Sony STARVIS® is registered trademarks of an independently owned and operated company. This product has not been licensed or endorsed by the manufacturer of those products.

*Research local, state and federal laws regarding the implementation of audio surveillance.

Onvif   SONY STARVIS

Available on the App Store   ANDROID APP ON Google play   IP NETWORK   STARLIGHT TECHNOLOGY   HTML5

VIRTUOSO SERIES 5 MEGAPIXEL PREMIUM COMPACT IP CAMERA WITH ONVIF S, MULTI-VENDOR DIRECT INTEGRATION AND MUCH MORE!
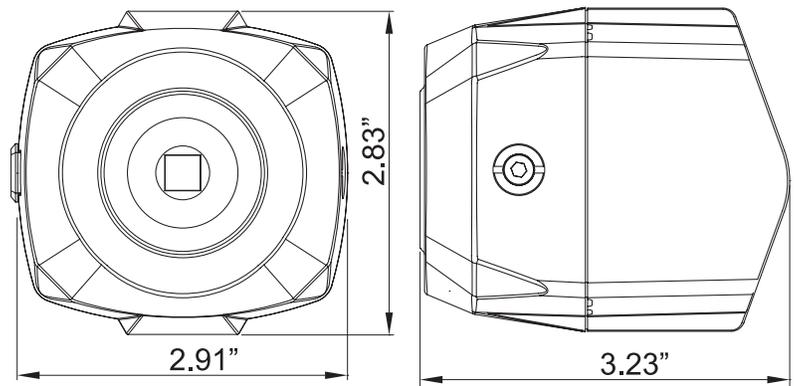
High Performance Virtuoso camera designs are produced for ease of installation, exceptionally high image quality, and long life. With an 5.69 MegaPixel "Starvis" Image Sensor, this compact "Box Style" camera achieves impeccably vibrant image quality even in extremely low light conditions. Digital Wide Dynamic Range cuts glare in difficult lighting environments such as casino halls, warehouses, and dimly lit foyers. Dual Voltage 12/24V operation (plus PoE) reduces the challenge of cable distance constraints.

VIRTUOSO SERIES	NETWORK	5.69 MEGAPIXEL	A.I. MOTION DETECTION	CS MOUNT LENS COMPATIBLE

RELATED PRODUCTS

Pair with one of several VITEK Network or Digital Recorders offering a Myriad of Advanced Analytic Functions and Applications. See www.vitekcctv.com for More!

Firmware and Features may be upgraded periodically – Please contact your VITEK Representative for complete information on updates and downloads.

2.83"
2.91"
3.23"

An Eye On Innovation

SINCE 1997

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Network Box Camera with Triple Streaming and Motion Detection

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 DIGITAL WDR:

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

WITH VIRTUOSO D-WDR
The entire frame is clearly visible & exposed wih High Quality Digital WDR!

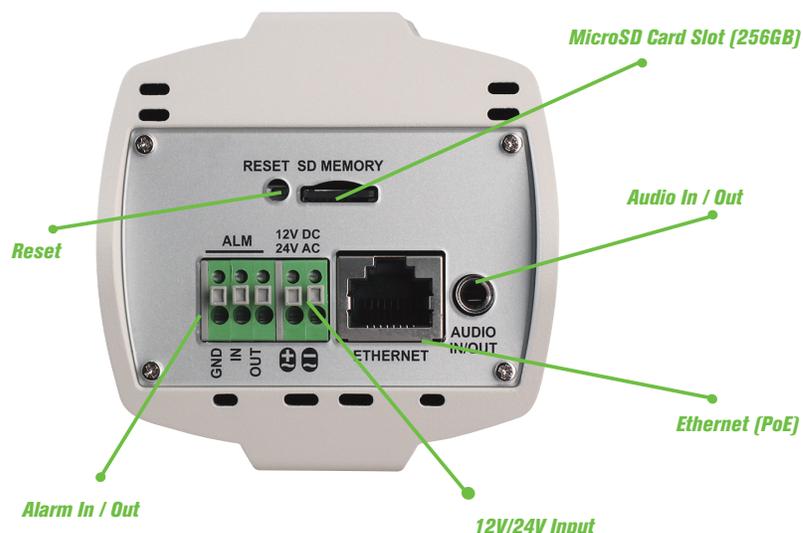### STARLIGHT:

STARLIGHT DAYLIGHT IMAGE
Uses an RGB Bayer Array CMOS for color accurate daylight images.

STARLIGHT NIGHT IMAGE
Starlight enables ultra low light performance at night!

HARDWARE & REAR INPUTS

MicroSD Card Slot (256GB)

Audio In / Out

Reset

RESET SD MEMORY

ALM 12V DC 24V AC

GND IN OUT

ETHERNET

AUDIO IN/OUT

Ethernet (PoE)

Alarm In / Out

12V/24V Input

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Innovation

www.vitekcctv.com

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VTC-CB5PN

DETAILED SPECIFICATIONS

Imaging Sensor	1/2.8" Sony 5.69 Mega pixel STARVIS CMOS Sensor
Effective Pixels	2592(H) × 1944(V) approx. 5 Megapixel
Sensitivity	B/W 0.008 Lux
Scanning mode	Progressive Scan
S/N Ratio	50dB
Video Compression	H.265 Main profile, H.264(High, Main, Baseline profile) MJPEG
Video Streaming	Simultaneously H.265, H.264 & MJPEG (Multi streaming), Independent Frame Rate and Bandwidth Control, VBR/CBR
Video Resolution	4:3 - 2592×1944, 2560×1920, 2048×1536, 1920×1440, 1600×1200, 1280×960, 640×480, 480×360 16:9 - 2560×1440, 1920×1080, 1600×900, 1280×720, 640×360
Video Frame Rate	Up to 30fps
Functions	Motion Detection, Privacy Mask, Defog, D-Zoom (~x16), Highlight Correction, Backlight Correction, Mirror/Flip, Sens-up(Slow shutter), Hue, Brightness, Contrast, Saturation, Sharpness
Lens	CS Mount Lens Support (Option: C-mount Adaptor)
Day & Night Mode	ICR by Auto, Day, Night, External, Color D/N
Auto Exposure	Automatic (Priority: Frame rate/Low noise), Manual
Shutter Speed Control	Automatic / Manual: Min. 1/30 sec ~ Max. 1/10,000 sec
Gain Control	Automatic: ~ Max. 54dB / Manual: ~ Max. 54dB (default:1.2dB)
Auto White Balance	ATW-Indoor/Outdoor, Shade, Clear Sky, Fluorescent Light, Light Bulb, Flame, Manual
WDR	D-WDR (Digital Wide Dynamic Range)
DNR	XD-NR (3D-NR / 2D-NR)
Audio	2-way Audio*
Alarm	Alarm Input / Output
Protocol	TCP / IP, UDP, IP v4 / v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
Security	Multi-User Authority, IP Filtering, HTTPS, Video Stream, Export / Import
FTP Uploading	MJPEG Still Image
Login Authority	Administrator, Operator, Guest
Network Time Sync.	Synchronize Computer/NTP Server, Manual
Software Reset	Reset, Factory Default
Remote Upgrade	Using Web Browser
Client Software	Built-In Web, ONVIF Compatible 3rd Party VMS
SDK Support	API, ONVIF Profile S Compliant
Local Storage	Card Slot for Micro SD Memory Card (256GB)
Power Source	PoE (IEEE Std. 802.3af), AC24V/DC12V
Power Protection	Circuit protection against faulty connection in power polarity. Isolated power supply protects against ground loop problem
Housing	Aluminum Cast
Operating Temp.	(-22°F ~ 122°F) -30°C ~ +50 °C (Humidity: 20%RH ~ 80%RH)
Dimensions W × H × L	2.91" × 2.83" × 3.50" (74mm × 72mm × 89mm)
Weight (Net)	.66lbs / 10.58oz / 300g