

# VTC-CB5N

Virtuoso Series 5 MegaPixel WDR IP Standard Box Camera



VITEKCCTV.COM  
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Virtuoso



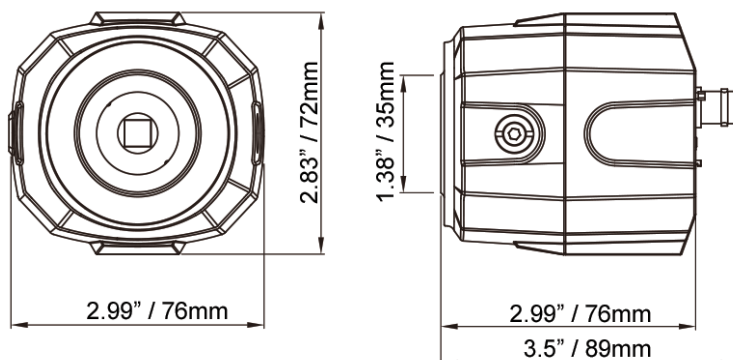
\*Lens Sold Separately

## KEY FEATURES



- 5 MegaPixel Network Camera (2592x1944px @ 30/25fps)
- 1/2.8" 5.69 MegaPixel Sony STARVIS CMOS® Sensor
- ONVIF Compliant with Zero Configuration, ONVIF Event Mapping
- 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) for H.264 Recording
- ICR Dual Filter Switch
- CS mount supported (Option: C-mount adaptor)
- 120dB Dynamic Range with DOL (Digital Overlap) WDR @30/25fps
- Improved Noise Configuration with XD-DNR
- LDC (Lens Distortion Compensation)
- Smart Stream, Rol (Region of Interest)
  - Enables Smart Processing of Video Data According to User's 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
- Circuit Protection Protects Against Faulty Connection in Power Polarity
- Isolated Power Supply Protects Against Ground Loop Problem
- Fine Back Focus Adjustment
- 12VDC, 24VAC and PoE Operation (Power over Ethernet, IEEE Std. 802.3af)
- 3-Year Warranty

## DIMENSIONS



## SPECIFICATIONS

Imaging Sensor	1/2.8" 5.69 MegaPixel Sony STARVIS CMOS® Sensor
Effective Pixels	2704(H) x 2104(V)
Sensitivity	TBD
Scanning Mode	Progressive Scan
S/N Ratio	51dB
Lens	CS Mount Lens Support (Option: C-mount adaptor)
IR Input	N/A
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-DNR, 3D-DNR)
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°)
Operating Temp.	14°F ~ 122°F (-10°C ~ +50°C) / Humidity : 20%RH ~ 80%RH
Dimensions	2.99" W x 2.83" H x 3.5" L (76 x 72 x 89mm)
Weight	.66lbs (300g)
Housing	Aluminum Cast, Dual window, Fan & Optimized Cooling system, One Touch 3-Axis Locking Bracket
Power Input	PoE(IEEE Std. 802.3af ), AC24V/DC12V
Pwr Consump. (12VDC, 24VAC)	350mA, 175mA
Pwr Consump. (PoE)	4.5W
<b>NETWORK SPECIFICATIONS Video</b>	
Compression	H.265 Main profile, H.264(High, Main, Base Line Profile) MJPEG
Video Resolution	2592x1944, 2560x1440, 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 MJPEG Still Image
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 Micro SD Memory Card (H.264 recording)
SDK Support	API, ONVIF Profile S Compliant
Audio & Alarm	2-Way Audio and Alarm Input / Output

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