

VT-DBC4FW-2

On Alert Series 4 MegaPixel Dual-Band Wi-Fi Professional Video Doorbell, Designed for the Transcendent Platform



KEY FEATURES

- 4 MegaPixel 1:1 Aspect Ratio (2048 × 2048) for Full-Height Front Door Coverage
- Designed for the Transcendent Platform, with seamless integration with the Transcendent Recorders, Apps, and VMS.
- Wide Field of View for Full-Height Front Door Monitoring (146.5° Diagonal FOV)
- Two-Way Audio: Built-in Microphone & Speaker with Noise Suppression
- Visual Intercom Function: Two-way Remote Communication via Transcendent Platform and Apps
- Face AI featuring Face Detection & Face Capture with Scoring, Tracking, and Image Optimization
- Supports Transcendent Intelligent Analytics: Scene Change, Video Blur, Video Cast Detection
- Supports IR and White LED Lights with Smart Face-Activated Illumination
- 2.3mm Fixed Lens @ F2.2
- Built-in Speaker + Built-in Mic*
- Built-in microSD Card Slot, Supports up to 256GB Local Storage
- Supports 2.4GHz / 5GHz Dual Band Wi-Fi Connectivity
- Compatible with standard 16V wired mechanical or electronic door chimes. Optional Wireless RF433 Chime (VT-CH1) also available.
- Remote Viewing via Web Browser, and iOS & Android Apps, or Transcendent VMS.
- Instant Alerts with Push Notifications via Transcendent Mobile App
- IP66 Weather-Resistant Housing for Reliable Outdoor Use
- ONVIF Compliant
- 12–24V DC, 16–24V AC, or USB 5V Power Options (No PoE)
- 3-Year Warranty

DESIGNED FOR THE TRANSCENDENT PLATFORM



ALL-IN-ONE SECURITY PLATFORM
The Transcendent Platform unifies NVRs, IP Cameras, Cloud Access, and Advanced Analytics into a single, scalable ecosystem for seamless system management.



VERSATILE SOLUTION
Remote Viewing/Management using Apple macOS®, Microsoft Windows® and web browsers.



POWERFUL MOBILE APPS
Mobile Apps Available for Apple iOS® & Google Android®.



RELATED PRODUCTS & OPTIONAL ACCESSORIES



Pair with one of several VITEK Transcendent Series Network or Digital Recorders offering a Myriad of Advanced Analytic Functions and Applications.

An Eye On
Innovation



VT-CH1
Optional Wireless Chime for On Alert Series Doorbell Cameras



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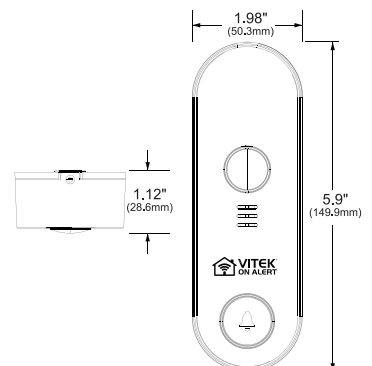


SMART HOME PRODUCTS INTEGRATED WITH THE TRANSCENDENT PLATFORM!

Secure entryways and access points with the VITEK OnAlert Series High Definition Four MegaPixel NDAA Compliant IP Doorbell Camera. Fully designed for the Transcendent Platform, this model offers native integration with recorders, mobile apps, and the Transcendent VMS for seamless setup, control, and video management. Featuring a square 1:1 aspect ratio and wide-angle view, it delivers enhanced Face Detection and Intelligent Face Capture with tracking and scoring. Dual-band Wi-Fi provides improved stability, and support for wired mechanical, electronic, and wireless chimes ensures flexible installation. Ideal for residential and small business deployments.



Compatible with standard 16V wiring; includes both flush and angled mounting adapters for flexible installation.



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



SPECIFICATIONS

Image Sensor	1/3.11" Progressive Scan CMOS
Image Size	2048×2048
Electronic Shutter	1s ~ 1/100000s
IRIS Type	Fixed IRIS
MIN. Illumination	0.009lux @F2.2, AGC ON; 0lux with IR
Lens	2.3mm @F2.2; Vertical FOV: 97.7° Horizontal FOV: 97.7° , Diagonal FOV: 146.5°
WDR	120dB
BLC	Yes
HLC	Yes
DNR	2D/3D NR
Video Compression	Main stream: H.265+/H.265/ H.264+/H.264 / Sub/third stream: H.265+/H.265/ H.264+/H.264/ MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Bit rate Type	VBR/CBR
Bit Rate	64Kbps ~ 6Mbps
Resolution	4MP(2048×2048), 2MP(1440 ×1440), 1080P(1920×1080), 960×960, 720P(1280×720), 480×480, D1, CIF, 480×240
Main Stream	2048×2048/1440×1440/1920×1080/960×960/1280×720 (60Hz: 1~30fps / 50Hz: 1~25fps)
Sub Stream	960×960/720P/D1/480×480/CIF (60Hz: 1~30fps / 50Hz: 1~25fps)
Third Stream	D1/480×480/CIF/480×240 (60Hz: 1~30fps / 50Hz: 1~25fps)
Image Setting	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser
Audio Compression	G711A/U
Network	100M RJ45
Audio	Built-in MIC×1, built-in speaker×1
Storage	1CH built-in micro SD card slot, up to 256GB
Wi-Fi	Supports 2.4G /5G Wi-Fi function
Chime Support	Compatible with standard 16V wired mechanical or electronic door chimes. Note: Wired chime functionality requires AC 16–24V power input. Wired chime is not supported when using DC or USB power.
Wireless Chime	Optional Accessory (Available Separately)
Doorbell Button	Yes
Indicator	Yes
Remote Monitoring	Web client/CMS remote control/APP(1.15version or above)
Online Connection	Supports simultaneous monitoring for up to 6 users, Supports multi-stream real time transmission

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SPECIFICATIONS

Network Protocol	TCP/IP, UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SNMP, SMTP, FTP, 802.1x, UPnP, HTTPS, HTTP, POST, P2P
Interface Protocol	ONVIF
Intelligent Analytics	Face detection, face capture, scene change detection, video blur detection, video cast detection
General Function	Watermark, IP address filtering, video mask, heartbeat (responds to health status pings), illegal login
PoE	No
White Light Distance	0.98'~3.28' (0.3-1m) soft light (white light will be triggered by face detection)
IR Light Distance	0.98'~9.84' (0.3-3m)
Ingress Protection	IP66
Face Detection	Pupil distance of a facial image over 20 pixel can be detected
Face Capture	Outputting the optimal face image by precise detecting, tracing, capturing, scoring and screening the moving faces
Original Image Capturing	Supports original image capturing and self-defined overlaid information (like device ID, time, etc.)
Power	DC: 12V~24V / AC: 16V~24V / USB: 5V (DC12V & USB 5V do not support wired chime connection)
Power Consumption	< 5W
Environmental Protection	RoHS 2.0 REACH WEEE directive94/62/EC
Working Environment	-22°F~122°F (-30°C~50°C)
Dimensions(mm)	5.9" x 1.98" x 1.12" (149.9mm x 50.3mm x 28.6mm)
Weight (net)	.37 lbs. / 5.99 oz / 170g

SPECIFICATIONS - VT-CH1 DOOR CHIME (Optional Accessory)

Features	Built-in Speaker*, Volume / Ring Tone Control, Built-in Indicator, RF433 (330' Transmission Distance)
Power	2×1.5V AA Alkaline Batteries
Settings	Pair Settings and Ring Tone Selection via "SET" Button
Installation	Wall Mounting / Desktop
Dimensions	2.74"×1.23" (73×32mm)
Weight: Net	0.13 lbs / 2.11oz (60g)

