IP-4DB-F28-DKA

Doorbell

2K Wired Video Doorbell Kit

- Up to 2K (2560 × 1440) resolution @ 15 fps
- Large 1/3" CMOS image sensor
- Supports Dual-Band Wi-Fi 6 (2.4 GHz/5 GHz)
- Built-in 2× IR lights with max. 33 ft illumination distance
- Intelligent Motion Detection focused on Human and Vehicle
- Built-in Microphone and Speaker for two-way talk
- Built-in Micro SD card slot, max. 256 GB
- Powered via USB (5 VDC±5%, 2 A) or binding post (10–24 VDC/14–24 VAC, 1.0 A)
- Wireless indoor doorbell chime
- Built-in chime speaker
- Multiple selectable ringtone options

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

SPECIFICATION

Video Doorbell

Camera	
Image Sensor	1/3" CMOS
E-shutter Speed	Auto/Manual 1/3 s–1/100,000 s
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	DWDR
Day & Night	Auto (ICR)/B/W
Lens Type	Fixed, 2.3 mm @ F2.2
Field of View	Horizontal: 125.3°, Vertical: 69.3°, Diagonal: 149.8°
Close Focus Range	1.64 ft (0.5 m)
DORI	Detect: 151 ft (46.0 m) Observe: 60 ft (18.3 m) Recognize: 30 ft (9.1 m) Identify: 15 ft (4.6 m)
Illuminators	2x IR Lights
Illumination Range	Up to 33 ft (10.06 m)
Illuminator Control	Auto, Manual, Off

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

Video

Video Compression	H.265, H.264
Smart Codec	Supported
Resolution	4M (2560 × 1440), 1080p (1920 × 1080), 720p (1280 × 720), 640 × 360, 320 × 240
Frame Rate	Main stream: 2560 × 1440@15 fps, 1920 × 1080@15 fps, 1280 × 720@15 fps Sub stream: 640 × 360@15 fps, 320 × 240@15 fps
Video Stream	2 streams
Video Bit Rate	H.264: 1792 Kbps to 4096 Kbps H.265: 512 Kbps to 4096 Kbps
Image Rotation	0°, 180°
Mirror	Supported

Audio

Input	One Built-in Microphone
Output	One Built-in Speaker
Audio Compression	PCM, G.711A, G.711MU

Intelligent Analysis

Vehicle Detection	Supported
Human Detection	Supported

Network

Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, Multicast, NFS
Wireless Communication Technology	2.4GHz/5GHz Dual-Band Wi-Fi (Wi-Fi 6), Bluetooth
Interoperability	ONVIF (Profile S & Profile G & Profile T)
Storage	Micro SD card (support max. 256 GB)

Interface

Micro SD Card Slot	Yes
Reset Button	Supported

General

Power Supply	USB (5 VDC±5%, 2 A) or binding post power supply (10–24 VDC/14–24 VAC, 1.0 A)
Power Consumption	Basic: 1.7 W (5 VDC), 2.1 W (24 VDC), 2.2 W (24 VAC) Max.: 3.7 W (5 VDC), 4.5 W (24 VDC), 4.6 W (24 VAC)
Adapting Chime	Wireless Chime CW01 (Third-party chime not supported)
Housing	Plastic
Protection Grade	IP65
Operating Conditions	–4 °F to +131 °F (–25 °C to +55 °C) / less than 95% (RH), non-condensing
Storage Conditions	–22 °F to +140 °F (–30 °C to +60 °C) / less

	than 95% (RH), non-condensing
Dimensions	5.31" × 1.77" × 0.90" (135 mm × 45 mm × 22.85 mm) (L × W × H)
Net Weight	0.22 lb (99.3 g)

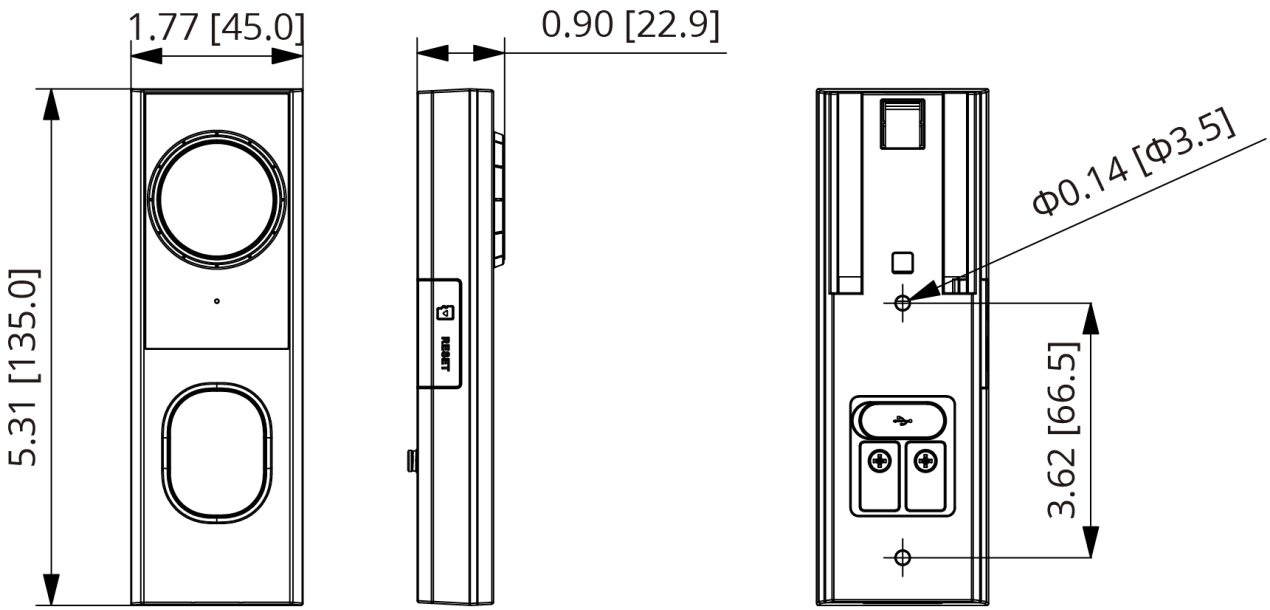
Wireless Chime	
Built-in Speaker	Yes
Wi-Fi	IEEE 802.11b/g/n/ax 2.4000–2.4835 GHz, 2.4 G, EIRP≤20 dBm
Network Update	Yes
Wireless Communication Technology	2.4 GHz Wi-Fi (Wi-Fi 6), Bluetooth
Power Supply	100–240 VAC 50/60 Hz
Power Consumption	< 5 W
Appearance Color	Black (front casing) + White (back cover)
Casing Materia	Plastic
Dimensions	3.7" × 1.97" × 1.97" (94.1 mm × 50.1 mm × 50.1 mm) (L × W × H)
Net Weight	0.195 lb (88.5 g)
Operating Conditions	+14 °F to +113 °F (–10 °C to +45 °C) / 20%–95% (RH), non-condensing

Doorbell Kit	
Client	Mobile APP: TitanViewer
Package Dimensions	5.04" × 6.69" × 3.19" (128 mm × 170 mm × 81 mm)
Gross Weight	0.87 lb (396 g)

Certification	FCC, IC

Dimension

inch [mm]



(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA