

NAV-DBELL-KIT

Video Intercom Kit



Indoor Station

- 7 inch IPS touch screen
- A maximum of 6 indoor stations can be installed in the same room
- Supports live preview of door stations and linked cameras
- Supports snapshot when calling via door station (micro SD card required)
- Supports “Do Not Disturb” function
- Supports noise suppression and echo cancellation
- 8CH zone alarm access function
- Self-define unlocking password
- Supports 2.4G WIFI
- Supports 1CH 12V200mA power output for powering up a sensor

Video Doorbell

- Max. resolution: 2MP (1920×1080)
- Wide field of view achieving doorway security monitoring
- Access control function
- Noise suppression and echo cancellation
- Support calling indoor station/APP
- Support door opening by swiping card or mobile APP
- Support IR and white LED lights
- Support tampering alarm and door contact alarm
- 2.4G Wi-Fi
- Built-in micro SD card slot, up to 256GB
- Intelligent Analysis: video exception detection, face detection, face capture, etc.

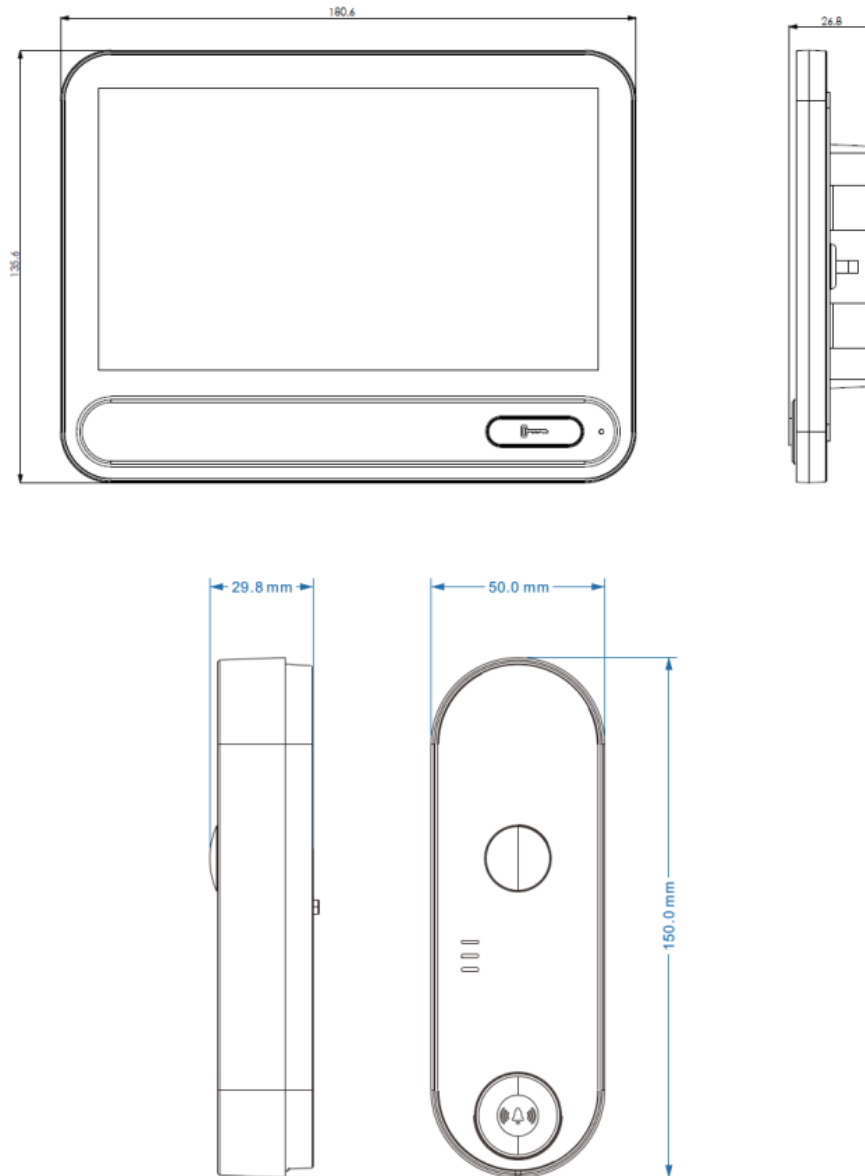
Specifications

Model	NAV-VTH (Indoor Station)	
System	Operating System	Linux
Display	Display Screen	7 inch IPS touch screen
	Display Resolution	1024 × 600, brightness:300 cd/m2
	Operation Method	Capacitive touch screen
Video	Video Input	Max. 4CH videos can be viewed simultaneously
	Network Input Resolution	6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
	Compression	H.265+/H.265/ H.264
Audio	Local Input / Output	Built-in microphone; Built-in speaker
	Compression	G.711(U/A)
Record	Resolution	Up to 8MP
	Frame Rate	NTSC: 30fps; PAL:25fps
Playback	Simultaneous Playback	Max.1CH
Performance	Linked IPC	Max. 16 CH
	Linked Indoor Extensions	Max. 5
Network	Interface	RJ 45 100 Mbps self-adaptive Ethernet port × 1
	Wireless Network	WiFi 802.11b/g/n
	Protocol	TCP / IP, DHCP, DNS, NTP, etc.
	Incoming/Outgoing Bandwidth	40/40Mbps
Interface	Audio	Built-in speaker and microphone, support noise suppression and echo cancellation
	Storage	Built-in micro SD card slot, up to 256GB
	Reset	Yes
	Alarm Input	8CH
	Wi-Fi	Yes,2.4G Wi-Fi
	Unlocking Button	Yes
	RS 485	Reserved
	Power Output	DC12V 200mA (only available when DC12V power supply is used)
Others	Power	DC12V/POE
	Power Consumption	< 6W
	Dimensions(mm)	180.6×135.6×26.8
	Weight (net)	Approx.0.36kg
	Installation	Wall mounting
	Working Environment	-20°C~50°C, Humidity: less than 95% (non-condensing)
	Certificate	CE, FCC
	Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
Model	NAV-DBELL (Video Doorbell)	
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Image Size	1920×1080
	Electronic Shutter	1/2s ~ 1/100000s
	IRIS Type	Fixed IRIS
	MIN. Illumination	0 lux (white LED ON)
	Lens	2.3mm @F2.2; Vertical FOV:74°, Horizontal FOV: 139°, Diagonal FOV: 170°
	Lens Mount	M8
	WDR	80dB
	BLC	Yes
	HLC	Yes
	DNR	2D/3D NR
Image	Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG

	H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
	Bit Rate	64Kbps ~ 4Mbps
	Resolution	1080P(1920×1080), 720P(1280×720), D1
	Main Stream	60Hz: 1920×1080/1280×720(1~30fps); 50Hz : 1920×1080/1280×720(1~25fps)
	Sub Stream	60Hz: 720P/D1/CIF(1~30fps); 50Hz: 720P/D1/CIF(1~25fps)
	Image Setting	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser
	Audio Compression	G711A/U
Card	Card Type	Mifare card /Desfire card/FM1208 Card/Gicard
	Card Reading Protocol	ISO14443A/B
	Card Reading Frequency	13.56MHz
	Card Reading Duration	<1s
	Card Reading Distance	0~3cm
	Card Number Storage	Max.3,000
Interfaces	Network	100M RJ45
	Audio	Built-in MIC×1, built-in speaker×1
	RS485	Yes
	Alarm	1CH alarm input
	Door Lock Output	1CH
	Exit Button	1 CH
	Door Contact Input	1 CH
	Anti-Tamper Interface	1 CH
	Reset Button	1
	Storage	1CH built-in micro SD card slot, up to 256GB
	Wiegand Interface	Yes (Wiegand input or output configurable)
	WiFi	Supports 2.4G WiFi function
	Doorbell Button	Yes
	Indicator	Yes
Function	Remote Monitoring	Web client/CMS remote control
	Online Connection	Supports simultaneous monitoring for up to 3 users; Supports multi-stream real time transmission
	Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, UPnP, HTTPS, HTTP
	Interface Protocol	ONVIF
	Storage	Network remote storage, micro SD card storage
	Intelligent Analytics	Face detection, face capture, scene change detection, video blur detection, video cast detection
	General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login, image distortion correction
	Door Opening Mode	Swiping card or APP remote control
	Supplement Light Distance	White Light : 0.3-1m soft light: IR Light: 0.3-3m
	Ingress Protection	IP65
Others	Power	DC12V/0.5A
	PoE Power Supply	Yes
	Power Consumption	< 6W
	Environmental Protection	RoHS 2.0, REACH, WEEE, directive94/62/EC
	Working Environment	-20°C~50°C, Humidity: less than 95% (non-condensing)
	Dimensions(mm)	150mm × 50mm × 29.8mm
	Weight (net)	Approx.145g
	Installation	Wall mounting

Dimensions

Unit (mm)



Accessories

