NACD
ACCESS ▪ COMMUNICATIONS ▪ CCTV

INFINITI
IP VIDEO ENTRY SYSTEM

IPI-VCU-V1

IP VISITOR CALL UNIT

IP Visitor Call Unit

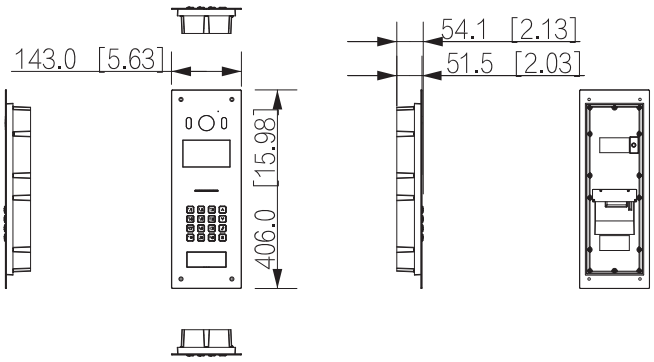
IPI-VCU-V1

- 4.3-inch LCD display with easy-to-press metal buttons; screen resolution 800 × 480.
- 2MP CMOS; true WDR.
- 316 stainless steel panel; IP65, IK08.
- Operating temperature: -30 °C to +60 °C.
- Auto light illumination reduces light pollution.
- Multiple verification methods: Password, Mifare Proximity Fob, QR code, and remote unlocking.
- Support 20,000 users.
- Support full duplex; management platform, and voice call through APP.
- Support SIP server.
- Support duress alarm, tamper alarm, and door sensor timeout alarm.

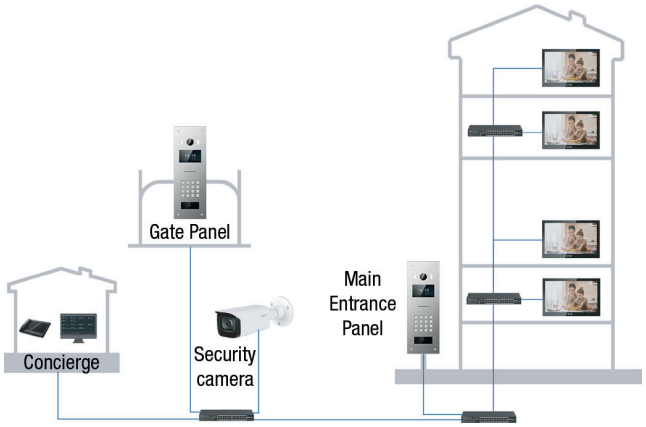
Technical Specification	
System	
Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Button Type	Mechanical
Network Protocol	RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF
Basic	
Screen Type	Non-touchscreen
Display Screen	4.3" LCD
Resolution	800 (H) × 480 (V)
Camera	1/2.8" CMOS 2-MP low-illumination HD color camera
Field of View	H: 86.4°; V: 46.2°; D: 100.6°
WDR	120 dB
Noise Reduction	3D NR
Video Compression	H.264
Video Resolution	50 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps) 60 Hz: Main stream (720p@30 fps), sub stream (1080p@30 fps)
Video Frame Rate	25 fps
Video Bit Rate	256 kbps–8 Mbps
Light Compensation	Auto white light
Audio Compression	G.711a; G.711u; PCM
Audio Input	1
Audio Output	Built-in speaker
Audio Mode	2-way voice communication
Audio Enhancement	Echo suppression/digital noise reduction
Audio Bit Rate	16 kHz, 16 bit
Function	
Communication Mode	Full digital
Unlock Mode	Proximity fob; Remote (from monitor, mobile app, or concierge station); PIN code; QR code
Token Type	Mifare Proximity Fob
Motion Detection	Video motion detection
Leave Videos	Yes
Web Configuration	Yes
Performance	
Proximity fob read distance	up to –3 cm (1.18")
Issue Card Locally	Yes

Casing	316 stainless steel
Port	
RS-485	1
Wiegand	1 (input or output, configurable)
Electric Lock	1
Alarm Input	1 (digital quantity)
Alarm Output	1 (relay)
Power Output	1-ch, 12 V/200 mA
Exit Button	1
Door Status Detection	1
Lock Control	1, normally open by default (can be expanded to 2 channels with RS-485)
Network Port	1 × RJ-45 10/100 Mbps Ethernet port
Alarm	
Tamper Alarm	Yes
General	
Unlock Password Mode	User password; public password; duress password
Appearance color	Silver
Power Supply	PoE 802.3at or 12 VDC, 2 A
Power Adapter	Optional
Installation	Flush Mount; Surface Mount
Certifications	CE; FCC
Accessory	Optional: flush mount box, rain cover
Product Dimensions	406 mm × 143 mm × 54.05 mm (15.98" × 5.63" × 2.13")
Protection	IP65 rated (silicone sealant is needed for installation) IK08
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Power Consumption	≤ 5 W (standby), ≤ 18 W (working)
Gross Weight	2.05 kg (4.52 lb)

Dimensions (mm[inch])



Application



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