



Professional IP Intercoms

Product Reference Guide



Stay connected with all that you love.™





Improve access & boost security with VIP Vision professional IP intercom solutions and stay connected to all that you love.

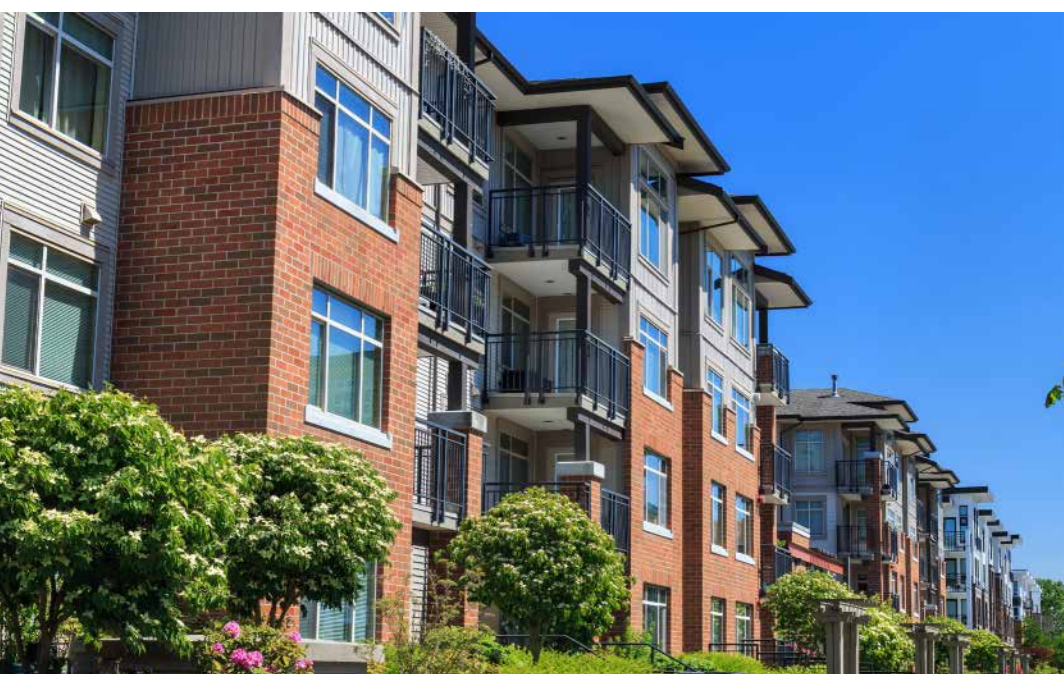
It is our mission to keep you in touch with the important things in life, especially the people, assets and places that support your livelihood.

VIP Vision helps keep you connected with all that you love through our range of professional intercom solutions. Designed for small to large residential and business applications, you can stay connected from anywhere.

Take control of visitors and boost security by having your premises always occupied with VIP Vision Residential Series intercom solutions. Answer unexpected door visitors with video/audio chat, ensure deliveries are made securely, and deter criminals checking to see if anybody is home. You can also enable greater access freedom to those you trust with remote unlocking via smartphone or tablet.

VIP Vision also offers excellent versatility in large residential spaces with Multi-tenant Series IP intercoms. The range scales to provide effective multi-dwelling intercom/access solutions for small duplex to large apartment applications. VIP Vision IP intercom systems can also leverage existing network infrastructure, keeping installation & maintenance costs low.

To improve access and boost security choose VIP Vision professional IP intercom solutions and stay connected to all that you love.



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Deliver modern intercom features such as two-walk talk, remote view and intercom management over SIP server.



10 Multi-tenant IP Intercom Series

Modular and scalable IP intercom systems with a variety access control options designed for large residential applications.



14 Residential IP Intercom Series with WiFi

IP based system also featuring WiFi wireless connectivity making it one of the easiest systems to install.



18 2-Wire IP Intercom Series

Upgrade existing 2-wire systems to modern IP intercoms, all using pre-existing 2-wire cabling infrastructure.



22 Model Quick Reference

Quick guide for selecting your VIP Vision IP intercom system.



For large-scale residential.

Apartment Series: Scalable, centrally managed IP intercom systems

The Apartment Series offers large scale solutions for projects requiring integrated intercom systems for hundreds of dwellings. The series features centralised building management as well as comprehensive surveillance integration.

- Elegant door station designs with 1.3MP camera
- Support for up to 10,000 user access cards
- Backlit door station with visitor voice prompting
- Integrate with VIP Vision IP cameras and NVRs
- Versatile SIP server for central security management
- Up to 5,000 connected network devices
- Master monitor for easy user-admin contact
- Receive visitor notifications, leave audio & video messages, remote view, remote unlock and 2-way talk via iOS & Android devices



Integrate Network Surveillance



Huge Scalability up to 5000 Devices



Centralised Server Management

Apartment Series | Series Features



Scalable systems.

Impressive intercom installations of any size.

Create scalable access control systems of any size easily over IP network. Perfect for installations in large residential dwellings, including apartment blocks, hotel and motel complexes with multiple rooms and more.

- Contact individual dwellings via front door station
- Connect up to 5000 devices per system
- Extend systems and add PoE with INTIPMONPOE

Centrally managed.

Complete system management from a single station.

Control the intercom system from one management centre, with functions such as user management, surveillance live view, remote unlocking and two-way communication with any indoor monitor/door station.

- Create comprehensive system management centres with intercom management station & SIP server
- Resident assistance via dedicated support button for remote door unlock and two-way voice chat
- Assign active periods & individual user permissions



CCTV integration.

Distribute live CCTV surveillance to all residents.

The central server can integrate network surveillance cameras & recorders into the intercom system and distribute the live camera feed to each residents' indoor monitors for community surveillance.

- Distribute camera video streams to indoor monitors
- Capture video streams from intercom door stations and record to interconnected CCTV recorders
- Centrally configure remote view to push intercom video/audio calls to residents' devices

Series Specifications

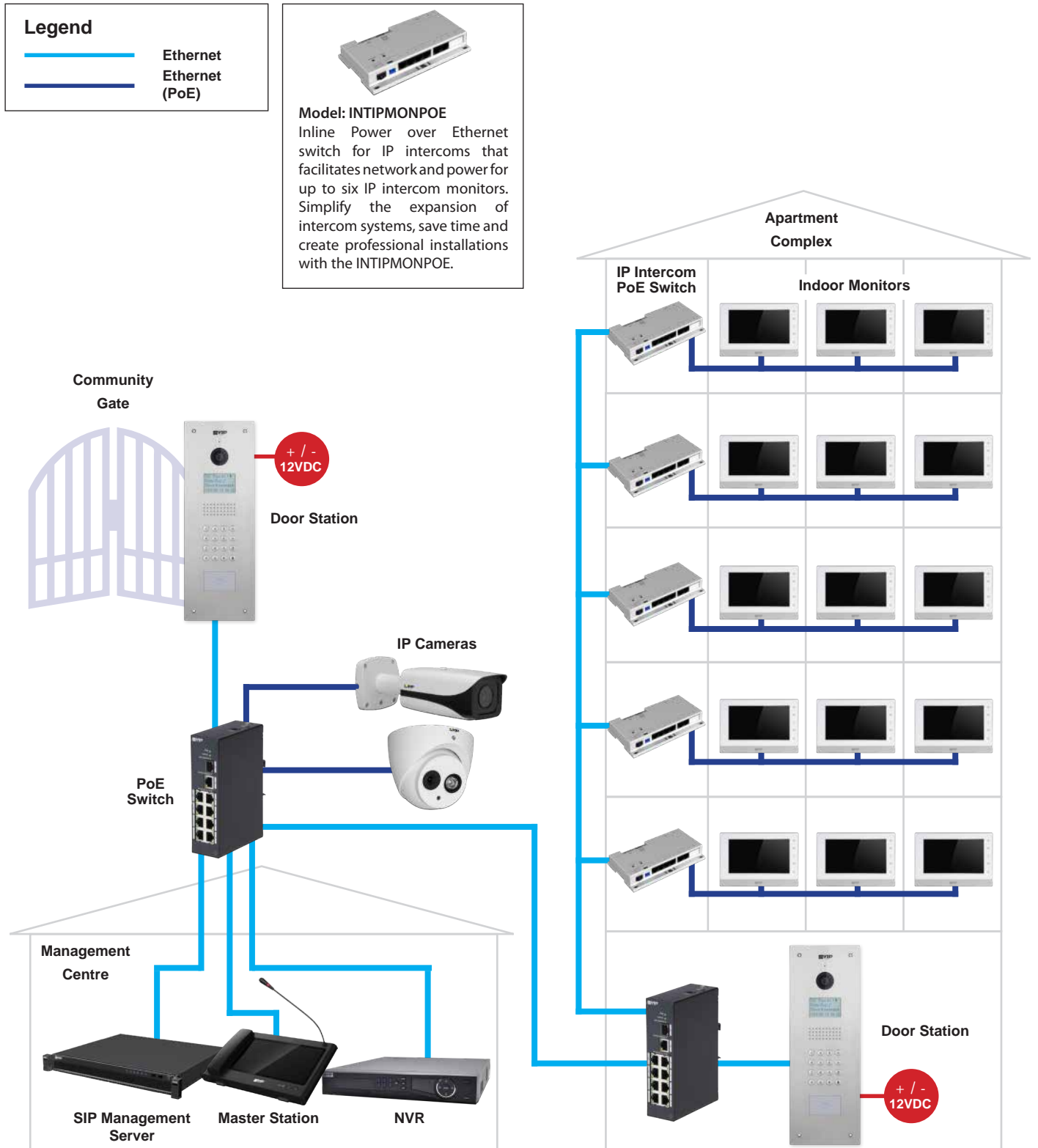
	Model	INTIPADSC	INTIPADSB
General	Main Processor	Embedded Microprocessor	
	Backlit Interface	Yes	
	Card Support	Yes	
	Tamper Detection	Yes	
Camera	Camera System	1.3" 1.3 Megapixel CMOS with 3.6mm lens (Diag. FoV: 95°)	
	Audio Input	Omni-directional Microphone	
	Audio Output	Embedded Loudspeaker	
	Bidirectional Talk	Support	
	Ethernet	10M/100Mbps Self-adaptive	
	Network Protocol	TCP/IP	
Environmental	Vandal Resistant	IK07	N/A
	Ingress Protection	IP54 (Front plate)	IP65 (Front plate)
	Installation	Surface mount rain shield / Flush mount	Flush mount
	Power Input	12VDC	
	Power Consumption	Standby < 1W / Operation < 10W	
	Dimensions	143 x 406 x 42mm	150 x 408 x 46mm
Weight	1.60kg		
Accessories	Product Diagram		
	Compatible Brackets		

	Model	INTIPMON
Monitor	Product Image	
	Main Processor	Embedded Microprocessor
	Video Compression	H.264
	Audio Input	Omni-directional Microphone
	Audio Output	Embedded Loudspeaker
	Bidirectional Talk	Support
	Display Size	7" Colour TFT LCD
	Display Resolution	SVGA (800 x 480)
	Alarm Support	Yes; 6 Input channels / 1 output channel / 1 x RS485
	Operational Input	Resistive Touchscreen / On-unit Soft Keys
	Internal Capacity	MicroSD Slot, up to 32GB
	Ethernet	10M/100Mbps adaptive
	Network Protocol	TCP/IP
Environmental	Operating Temperature	-10 ~ +55°C / 10 ~ 90%RH (max.)
	Installation	Surface wall mounting bracket & kit
	Power Input	12VDC
	Power Consumption	Standby < 1.5W / Operation < 7W
Weight / Dimensions	0.80kg / 200 x 136 x 22mm	
Product Diagram		

	Model	INTIPSIPSRV
System	Product Image	
	Main Processor	Quad-Core Processor
Interface	Operating System	Embedded Linux
	Memory	4GB
	Network Port	4 RJ-45 Ports (10/100/1000Mbps)
	Ethernet Port	4 x 1000Mbps Ethernet Ports
	RS232	Reserved
	RS485	Reserved (reusable with alarm port)
	Alarm input/output	Reserved
	USB Port	Front panel: 2x USB 3.0, Rear panel: 2 x USB 2.0
	Display Ports	2 x HDMI, 1 x VGA
	HDD Installation	Built-in 1TB HDD, support for up to 3 additional HDDs
Video Management	Channels Per Server	256
	Clients Per System	Up to 50 Online Users
	Numbers of Users	Unlimited
	Numbers of Roles	100
	Max Bandwidth Input	300Mbps
	Max Bandwidth Output	300Mbps
Environment	VDP ID	5000 (up to 256 VTO)
	Simultaneous Video Talk	Up to 100
	Alarm Inputs And Door Opens Information	20 per sec (Average) / 80 per sec (Max)
	Power Usage	100V~240V, 50~60Hz
	Power Consumption	35W ~ 50W (with HDD)
	Operating Environment	0°~50°C, <90% RH
Weight	4.50kg	
Dimensions (U)	440 x 399 x 43mm (1U)	

Apartment Series Example Installation | System Map

This diagram demonstrates a system with one front gate door station, one apartment complex door station, monitors for each apartment and a management centre. The system can integrate up to 5000 IP cameras, indoor monitors and intercom door stations.





Scalable intercom solutions.

Multi-tenant Series: Modular design for large IP intercom installations

Scale up your intercom installations with the Multi-tenant Series from VIP Vision with support for up to 100 monitors and 20 door stations. Add layers of access control with fingerprint, IC card, 1/3/5-button and keypad modular units.

- 8 different modules to customise access control
- Camera module supplies power to other modules
- Door stations calls a single targeted indoor monitor
- Integrates with standard indoor monitors
- Interface most electronic door strikes & sensors
- 1.3 megapixel low-light door station camera module
- Fingerprint, keypad, button & card add-on modules
- 2 and 3 module surface or flush mount enclosures, and large 9 module flush mount enclosure
- Ideal for small apartments & multi-tenant buildings



Add up to 100 Indoor Monitors



Variety of Access Options



Flexible Modular Mount Options

Multi-tenant Series | Series Features



Call select rooms.

Customise modules to call individual dwellings.

Program button and keypad modules to call select indoor intercom monitors. This is perfect for large residential dwellings with multiple intercom monitors, including:

- Apartment blocks with single access door
- Hotel and motel complexes with multiple rooms
- Large villas with split accommodation/dwellings
- Duplexes and paired residential dwellings

Add functionality.

With up to 4 different modular intercom units.

The camera module acts as the master unit, connecting power and data to the other intercom modules. There are four different types of modules for access and room calling:

- **Keypad:** Calls monitors & unlocks door with code
- **Reader:** Add RFID cards to unlock communal door
- **Fingerprint:** Biometric authentication for unlock
- **Button:** Additional 1/3/5 buttons for monitor calling



Scalable systems.

Expand up to 20 door stations and 100 monitors.

The Multi-tenant Series is perfect for large scale systems with support for up to 100 intercom monitors and multiple door unlocking. It also features a range of mounting options to ensure a professional installation.

- 2 and 3 module flush mount and surface mount options; Large 9 module flush mount option
- Additional door unlock expansion via RS485
- Power over Ethernet intercom monitors for ease of large scale installation.

Intercom Modules | Series Specifications

Model	INTIPVDC	INTIPVDSB	INTIPVDSK	INTIPVDSR	INTIPVDSF	INTIPVDSN	
General							
	Module	Camera	Button	Keypad	Reader	Fingerprint	Blank
	Image Sensor	1/3" 1.3MP CMOS	-	-	-	-	-
	Lens	2.8mm	-	-	-	-	-
	Angle of View	120° (diagonal)	-	-	-	-	-
	Reader	-	-	-	RFID Card	Fingerprint	-
	Proximity Sensor	-	-	-	1m	-	-
	Keypad	1 x Mechanical Button	1/3/5 x Mechanical Button	14 x Mechanical Button	-	-	-
	Door Control	1 Relay Out 1 RS485 1 Feedback 1 Exit Button	-	-	-	-	-
	Tamper Switch	1	-	-	-	-	-
Ethernet	10M/100Mbps	-	-	-	-	-	
Environmental	Protection	IP54 weather rated / IK07 vandal rated					
	Installation	Surface or flush mount options shown below					
	Material	Stainless Steel					
	Working Temperature	-40°C ~ +60°C					
Power	12/24VDC, <10W	Powered by INTIPVDCS				-	
Product Variants by Model	INTIPVDCS: Standard	INTIPVDSB: 3 x Button INTIPVDSB1: 1 x Button INTIPVDSB5: 5 x Button	INTIPVDSK: Standard	INTIPVDSR: Standard	INTIPVDSF: Standard	INTIPVDSN: Standard	

Intercom Accessories | Series Specifications

Model	INTIPVDSB2 + INTIPVDSFP2	INTIPVDSB3 + INTIPVDSFP3	INTIPVDSFB2 + INTIPVDSFP2	INTIPVDSFB3 + INTIPVDSFP3	INTIPVDSFPB9	
General						
	Mount Type	Surface	Surface	Flush	Flush	Flush
	Dimensions	262 x 150mm	377 x 150mm	256 x 144mm	368 x 144mm	437 x 369mm

Additional Accessories



Intercom Relay Module

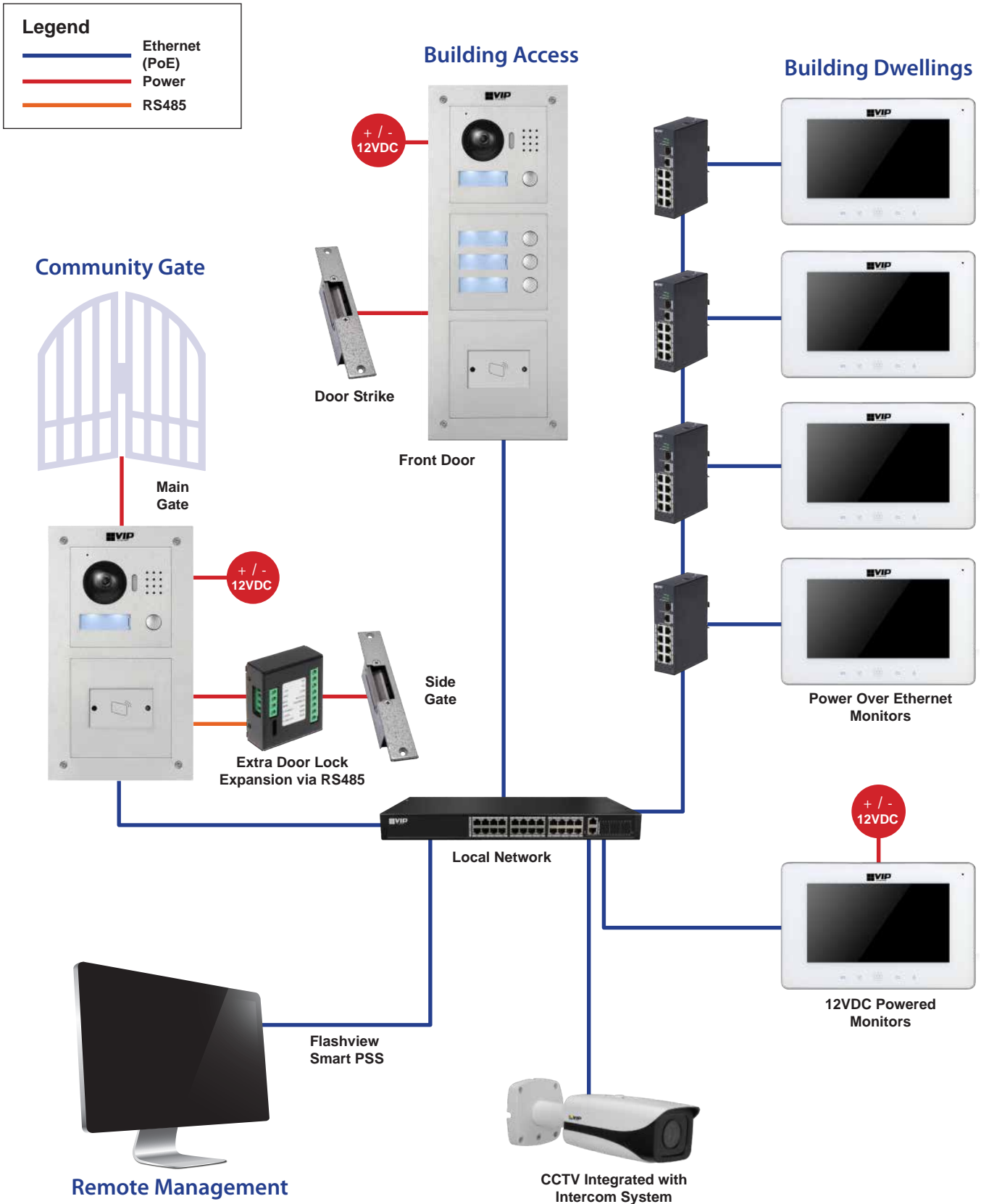
Model: INTIPDM

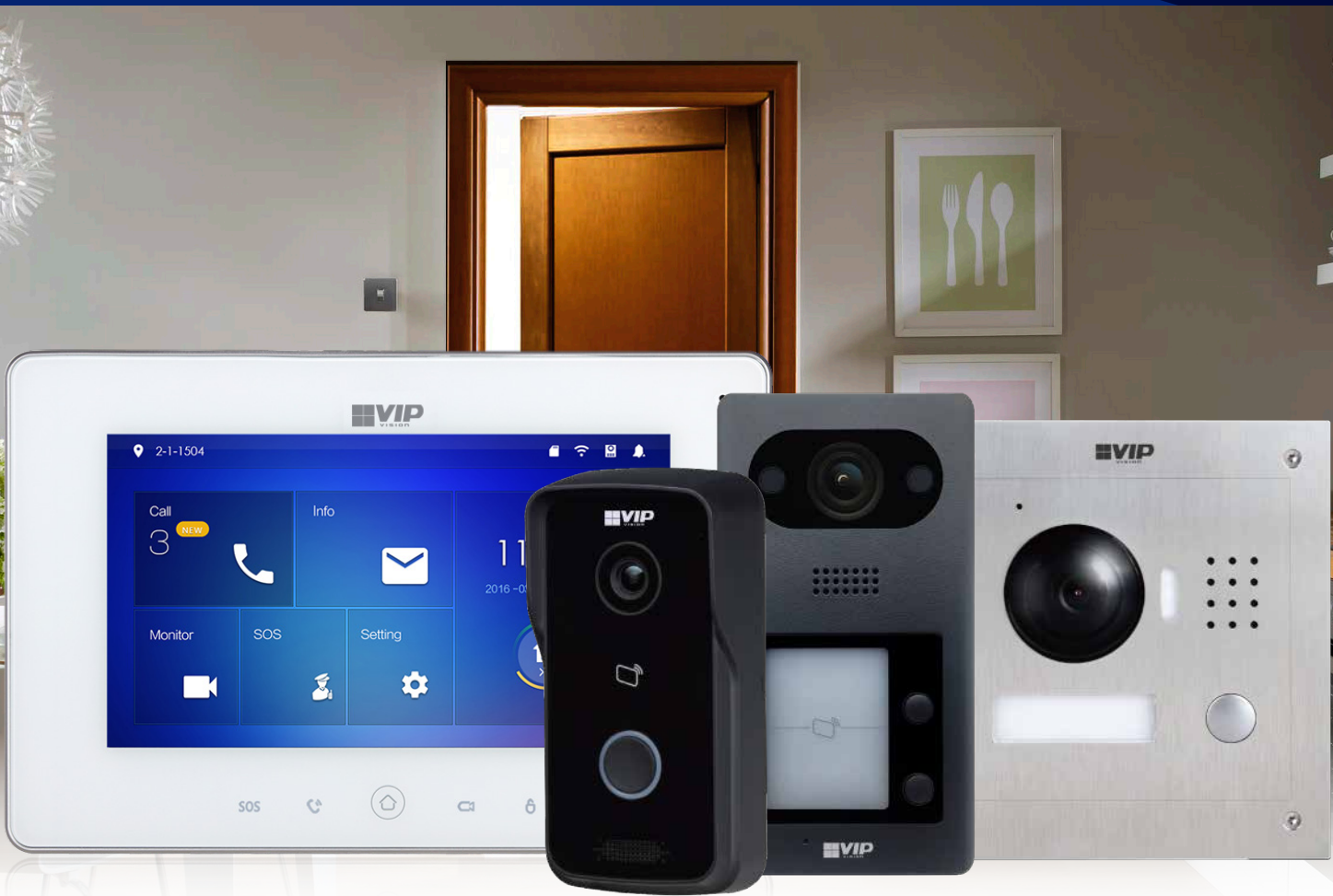
The intercom relay module (INTIPDM) allows the expansion of door station features to control another door or gate. Control any N.O./N.C device via RS485.

Compatible with Residential Series, 2-Wire Series and Multi-tenant Series door stations.

Multi-tenant Series Installation | System Map

Customise your intercom installation for the number of users and level of access control you require. Create tailored IP intercom solutions using modular units, with up to 20 x door stations and 100 x intercom monitors.





Elegant access solutions.

Residential Series: WiFi-capable IP intercom systems for home & business

The Residential IP Video Intercom series features wireless connectivity, making installation a simple task. Experience modern intercom features such as video & two-way talk, all using your existing network or WiFi infrastructure.

- Door station cameras ranging up to 2.0 megapixel
- Door stations call all connected indoor monitors
- Connect door station/monitor via WiFi or Ethernet
- Intuitive interface, for ease-of-use for any visitors
- Interface with most electronic door strikes & sensors
- Elegant black or white gloss intercom monitors
- Slim profile 7" touchscreen indoor intercom monitor
- Receive visitor notifications, leave audio & video messages, remote view, remote unlock and 2-way talk via iOS & Android devices



7" Slimline Touchscreen Monitor



Connect via WiFi or Network Cable



Two-way talk & Remote Unlock

Multi-tenant Series | Series Features



Suit any residence.

Wide range of door stations to suit your exact needs.

Each door station in the Residential Series has different designs, specs and functions, giving you the freedom to choose the perfect door station for the job:

- **INTIPRDSVW:** 1.3MP stainless steel door station (IK07)
- **INTIPRDSDB:** 1.0MP WiFi matte plastic door station with NFC card reader
- **INTIPDDS2:** 2.0MP aluminium door station with NFC card reader & two buttons (IK08)

WiFi connectivity.

Cable-free connection between monitor and station.

Enjoy an easy installation job with the WiFi-ready Residential Series. Simply connect the indoor monitor to your network and access a myriad of features, including:

- **Two-way talk:** Have a conversation with the visitor
- **Snapshot/Recording:** Record or take a screenshot of the visitor at the door, stored via microSD card

*Check product list for WiFi door stations & monitors



Remote access.

Gain entry and view visitors via smartphone app.

Gain access to your home and answer the door from anywhere with the free smartphone app. View and converse with visitors as if you were right at home.

- Integrate your phone to your system as a way of access
- Remotely ask couriers to drop off packages
- Check for potential intruders with remote view

Residential Door Stations | Series Specifications

Model	INTIPRDSVW	INTIPRDSDB	INTIPDDS2
Product Image			
Main Processor	Embedded Microprocessor		
Camera System	1/1.3" 1.3 Megapixel CMOS with 2.8mm lens Angle adjustable (Diagonal FoV: 120°)	1/1.4" 1.0 Megapixel CMOS with 2.2mm lens (Diagonal FoV: 125°)	1/2.8" 2.0 Megapixel CMOS with 1.9mm lens (Horizontal FoV: 140°)
Low-Light Application	N/A	Backlit interface / Day/Night ICR	Day/Night ICR
Card Support	N/A	Yes, Built-in NFC Card Reader	Yes, Built-in NFC Card Reader
Tamper Detection	Yes		
Input / Output	1 x relay for door control (1 x relay out main lock, 1 x extended by access control module) / 2 x channel alarm interface (1 x unlock button, 1 x feedback) / 1 x RS485		1 x relay for door control / 2 x channel alarm interface (1 x unlock button, 1 x feedback) / 1 x RS485
Audio / 2-Way Talk	Omni-directional Microphone & Embedded Loudspeaker for 2-way talk		
Internal MicroSD Slot	N/A	Yes, up to 64GB	N/A
Ethernet / Network	10M/100Mbps Self-adaptive / TCP/IP protocol		
Vandal Resistant	IK07	N/A	IK08
Ingress Protection	IP54	IP65 (door station front only)	IP65
Construction	Stainless Steel	Matte Plastic	Aluminium
Installation Kit	Includes surface mount rain shield/bracket; flush mount optional	Includes surface mount bracket & Ethernet cable adapter	N/A
Power Input / Use	12VDC, Standby < 1W / Operation < 10W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 10W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 7W
Weight / Dimensions	0.80kg / 130 x 140 x 32mm	0.40kg / 135 x 70 x 34mm	0.80kg / 182 x 101 x 30mm
Diagrams			

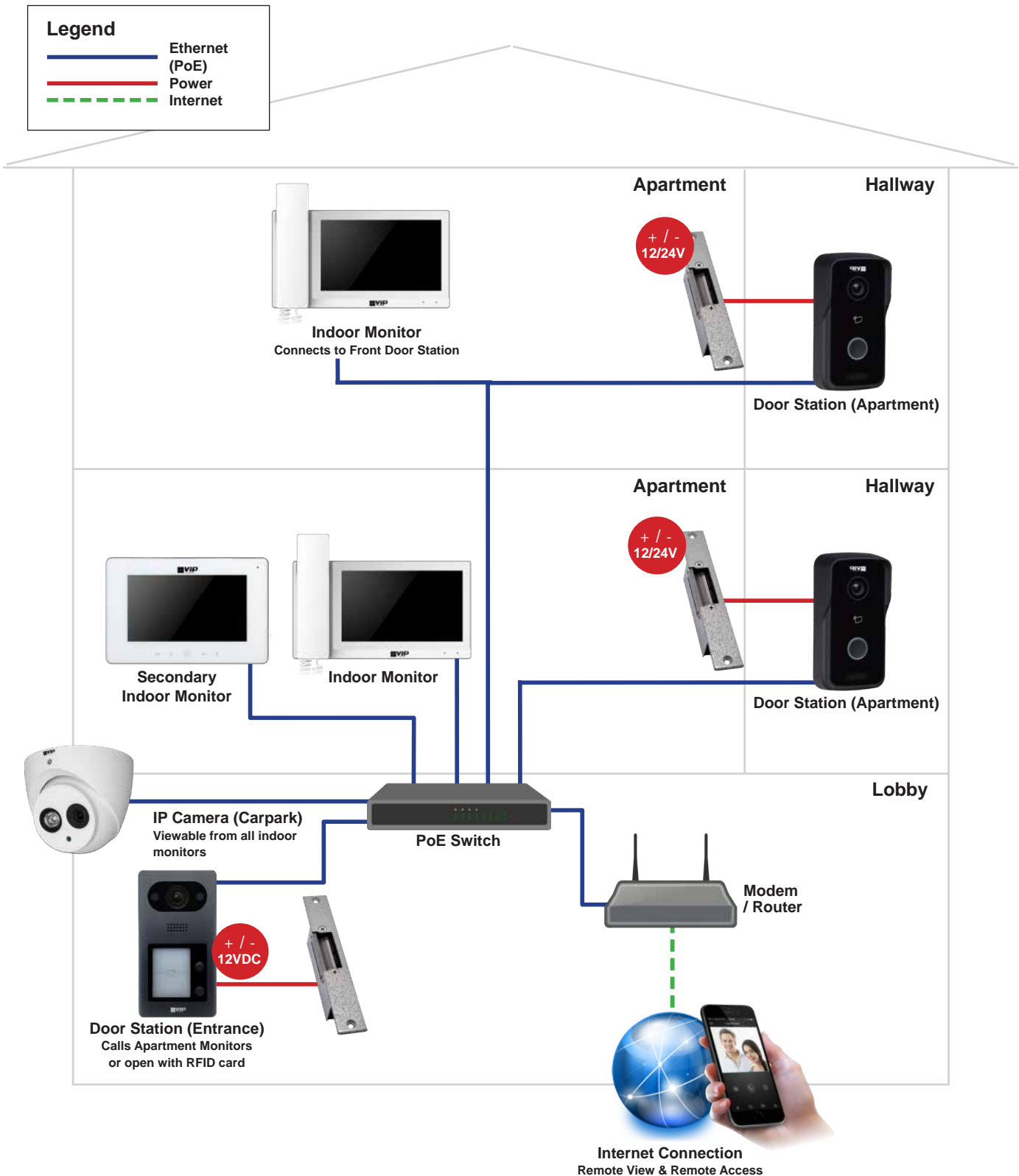
Standard Intercom Monitors | Series Specifications

Model	INTIPMONDB (Black) / INTIPMONDW (White)	INTIPMONDWL	INTIPMONDBH (Black) / INTIPMONDWH (White)
Product Image			
Main Processor	Embedded Microprocessor		
Audio / 2-Way Talk	Omni-directional Microphone & Embedded Loudspeaker for 2-way talk		
Display Size	7" Colour TFT LCD (1024 x 600) Capacitive Touchscreen	10" Colour TFT LCD (1024 x 600) Capacitive Touchscreen	7" Colour TFT LCD (1024 x 600) Capacitive Touchscreen
Alarm Support	6 Input / 1 Output		
Internal Capacity	MicroSD port max 32GB		
Ethernet / Network	10/100Mbps Self-adaptive / TCP/IP protocol		10/100Mbps Self-adaptive
Installation	Included surface wall mounting kit & Ethernet cable adapter		Surface Mountable. Optional bracket (INTIPMONDH-B) for desktop mount
Operating Temperature	-10 ~ +55°C / 10 ~ 90%RH (max.)		
Power Input / Use	12VDC, PoE (802.3af) / Standby < 1W, Operation < 7W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 8W	12VDC, PoE (802.3af) / Standby < 3.5W, Operation < 5W
Weight / Dimensions	0.80kg / 215 x 140 x 21mm	1.0kg / 265 x 180 x 22mm	0.9kg / 236 x 166 x 43mm
Diagrams			

Residential Series Example Installation | System Map

Easily install the VIP Vision IP Intercom System using the existing IP or WiFi network. The system can integrate IP cameras, up to 5 indoor intercom monitors and up to 20 door stations.

The system map below demonstrates a setup with 2 apartments, each of which are accessed from one 2 button door station. Apartment 2 has a secondary door station outside and an additional indoor monitor.





Perfect intercom upgrades.

2-Wire Series: Upgrade intercom systems over existing 2-wire infrastructure

The 2-wire Residential IP Video Intercom is the perfect upgrade solution to your old intercom or door bell system. Upgrade and experience a multitude of modern intercom features, all using your existing two-wire infrastructure.

- 1.3 megapixel, low-light door station camera
- Door stations calls all programmed indoor monitors
- Connects to your network using Network Controller
- Interfaces with electronic door strikes and sensors
- Intuitive single-button interface for ease of use
- Surface mount monitor; white gloss & aluminium
- Slim profile 7" touchscreen indoor intercom monitor
- Receive visitor notifications, leave audio & video messages, remote view, remote unlock and 2-way talk via iOS & Android devices



Upgrade Existing 2-Wire Systems

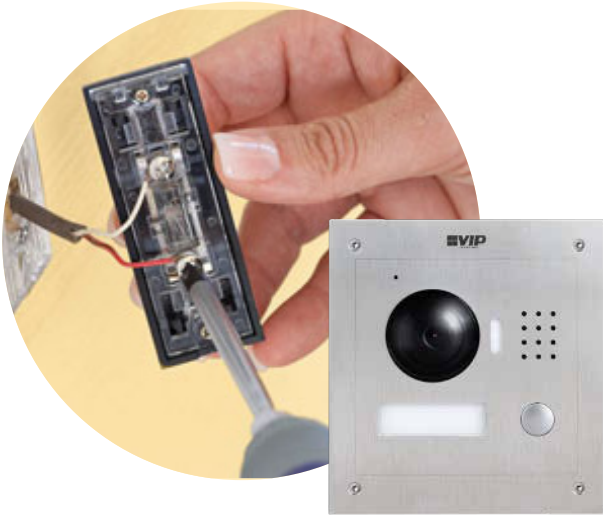


Add 2-Wire Systems to Network



Two-way talk & Remote Unlock

2-Wire Series | Series Features



Replace old systems.

Re-use existing 2-wire cabling for new installations.

Easily upgrade existing intercoms or doorbells to a VIP Vision IP Intercom System using the existing 2-wire infrastructure.

- Install new indoor monitors and door stations easily.
- Integrate door strikes & sensors into the new system.
- Call all monitors at once from single door station.

Network control.

Use 2-wire cable systems over existing networks.

Using the 2-Wire Intercom Network Controller, the intercom system can be taken online, allowing for mobile functionality via smartphone app.

- Connect up to 4 x 2-wire intercom devices
- Connects intercom system to the Internet for remote unlocking, recording and remote view via app
- Provides 24VDC power to door stations (max. 30W)



Mobile access.

Gain entry and view visitors via smartphone app.

Gain access to your home and answer the door from anywhere with the free smartphone app. View and converse with visitors as if you were right at home.

- Integrate phones into the system as an access method.
- Remotely ask couriers to drop off packages
- Check for potential intruders with remote view

2-Wire Series | Series Specifications

Model	INTIPRDSVW2W	
General	Product Image	
	Main Processor	Embedded Microprocessor
	Backlit Interface	N/A
	Card Support	N/A
	Tamper Detection	Yes
Camera	Camera System	1.3" 1.3 Megapixel CMOS with 2.8mm lens Angle adjustable (Diagonal FoV: 120°)
	Audio Input	Omni-directional Microphone
	Audio Output	Embedded Loudspeaker
	Bidirectional Talk	Support
	Ethernet	10M/100Mbps Self-adaptive
Environmental	Network Protocol	TCP/IP
	Vandal Resistant	IK07
	Ingress Protection	IP54
	Installation	Includes surface mount rain shield/bracket
	Power Input	24VDC
Accessories	Power Consumption	Standby < 1W / Operation < 7W
	Weight / Dimensions	0.80kg / 130 x 140 x 32mm
	Product Diagram	
	Compatible Brackets	
		INTIPRDSVW-FMA: Flush mount box (optional)

Model	INTIPMONFB2W	
Monitor	Product Image	
	Main Processor	Embedded Microprocessor
	Video Compression	H.264
	Audio Input	Omni-directional Microphone
	Audio Output	Embedded Loudspeaker
	Bidirectional Talk	Support
	Display Size	7" Colour TFT LCD
	Display Resolution	SVGA (800 x 480)
	Alarm Support	Yes; 6 Input channels / 1 output channel / 1 x RS485
	Operational Input	Resistive Touchscreen / On-unit Soft Keys
Environmental	Internal Capacity	4GB MicroSD Card (removable)
	Ethernet	10M/100Mbps adaptive
	Network Protocol	TCP/IP
	Operating Temperature	-10 ~ +60°C / 10 ~ 90%RH (max.)
	Installation	Surface wall mounting bracket & kit
	Power Input	24VDC
	Power Consumption	Standby < 1.5W / Operation < 7W
	Weight / Dimensions	0.80kg / 200 x 136 x 22mm
	Product Diagram	

Additional Accessories



2-Wire Residential Intercom Network Controller

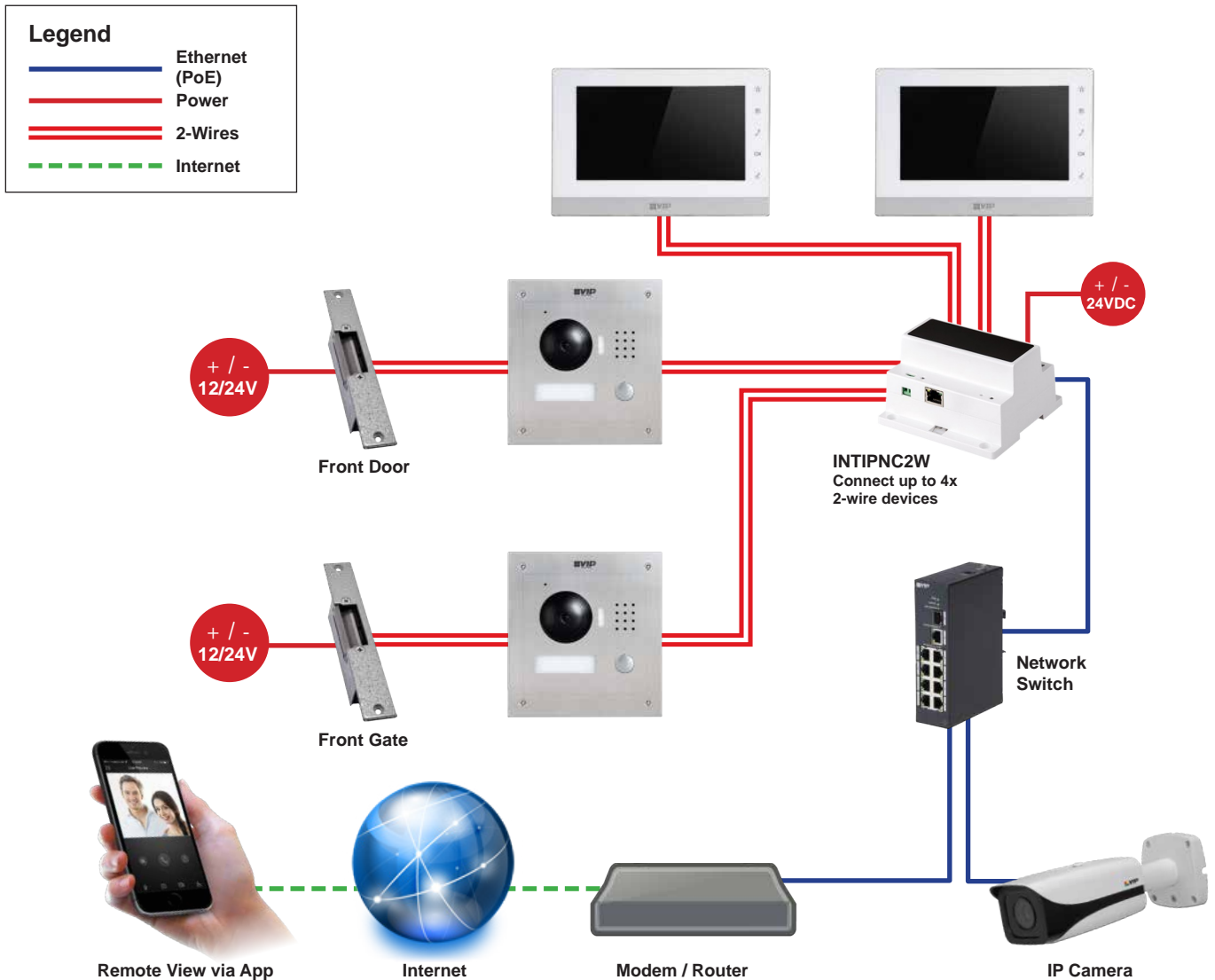
Model: INTIPNC2W

Connect your 2-wire system to the Internet using the 2-wire Intercom Network Controller. Then link the app to your intercom to answer visitors, take snapshots/recording and even unlock doors, all from your smartphone or tablet.

- Facilitates network/power connectivity to 4 x 2-wire intercom devices
- Connect intercom system to the Internet for use with remote view app
- Provides 24VDC power with a maximum power load of 30W
- Includes surface mount and DIN-rail mounting options

2-Wire Series Installation with Remote Connectivity | System Map

The VIP Vision 2-Wire Intercom System can quickly upgrade an existing 2-wire door bell or intercom unit. Add up to four 2-wire devices and remote connectivity with your smartphone by using the network controller.















2-Wire Series without Remote Connectivity | System Map

The 2-Wire intercom system can be fitted without network connectivity. However, this system will not be able to be accessed remotely.



Quick guide for selecting your VIP Vision IP intercom system. Please check series pages for full specifications on components.

Type	Door Station	Indoor Monitor	Accessories
Apartment Series			
	INTIPADSC Metal door station INTIPADSB Black glass door station	INTIPMON 7" Standard Monitor INTIPMONDBH/WH 7" Handset Monitor (Black/White)	INTIPMONPOE Intercom PoE switch INTIPMS Management station INTIPSIPSRV SIP server
Multitenant Series			
	INTIPVDSCL Camera module INTIPVDSF Fingerprint module INTIPVDSK Keypad module INTIPVDSB5/B/B1 Button modules (5/3/1) INTIPVDSR Card reader module INTIPVDSN Blank module	INTIPMONDWL 10" WiFi Monitor (White) INTIPMON 7" Standard Monitor INTIPMONDB/DW 7" WiFi Monitor (Black/White) INTIPMONDBH/WH 7" Handset Monitor (Black/White)	INTIPVDSFB2/3 Flush box (2/3 modules) INTIPVDSB2/3 Surface box (2/3 modules) INTIPVDSFP2/3 Front plate (2/3 modules) INTIPVDSFPFB9 Flush box kit (9 modules) INTIPDM Door expander module
Residential Series			
	INTIPRDSVW Vandal door station INTIPRDSDB WiFi door station INTIPDDS2 2-button door station	INTIPMONDWL 10" WiFi Monitor (White) INTIPMON 7" Standard Monitor INTIPMONDB/DW 7" WiFi Monitor (Black/White) INTIPMONDBH/WH 7" Handset Monitor (Black/White)	INTIPRDSVW-RS Surface mount rain shield INTIPRDSVW-FM Flush mount box INTIPDM Door expander module
2-Wire Series			
	INTIPRDSVW2W 2-wire vandal door station	INTIPMONFB2W 2-wire 7" intercom monitor	INTIPNC2W 2-wire network controller INTIPRDSVW-RS Surface mount rain shield INTIPRDSVW-FM Flush mount box INTIPDM Door expander module



Stay connected with all that you love.™

Achieve more than security with VIP Vision and the DMSS smartphone app. Receive instant surveillance alerts, live view your cameras, playback footage, take snapshots and even remotely unlock your intercom-connected door lock. Do this and more from anywhere with your VIP Vision IP system.





Stay connected with all that you love.™

Contact your local VIP Vision network intercom professional:



www.vip-vision.com