



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.

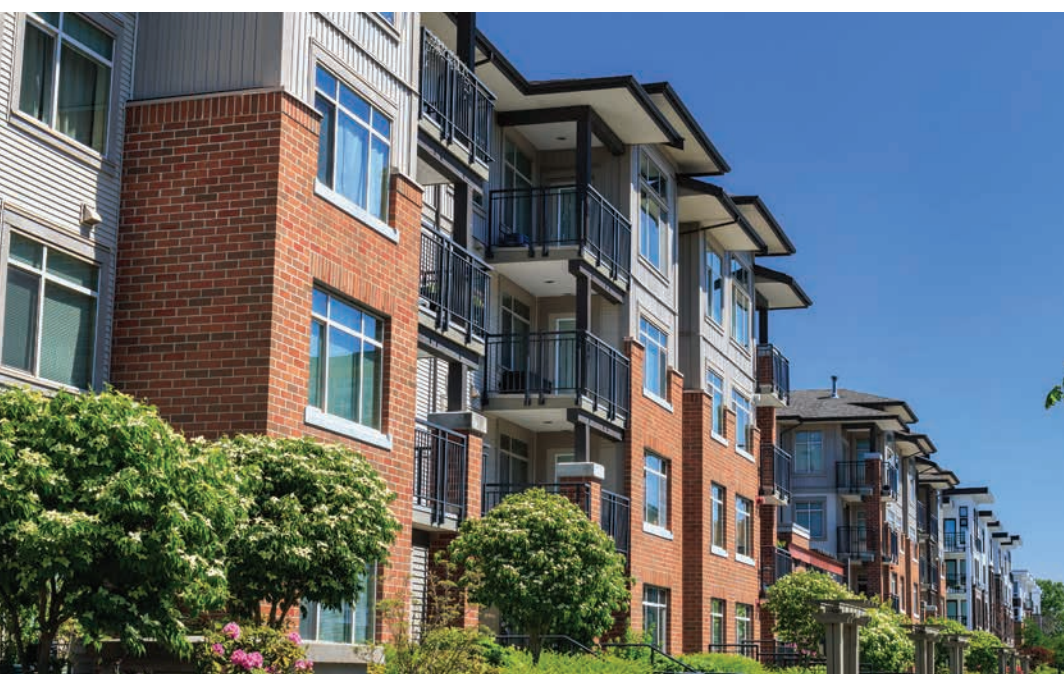
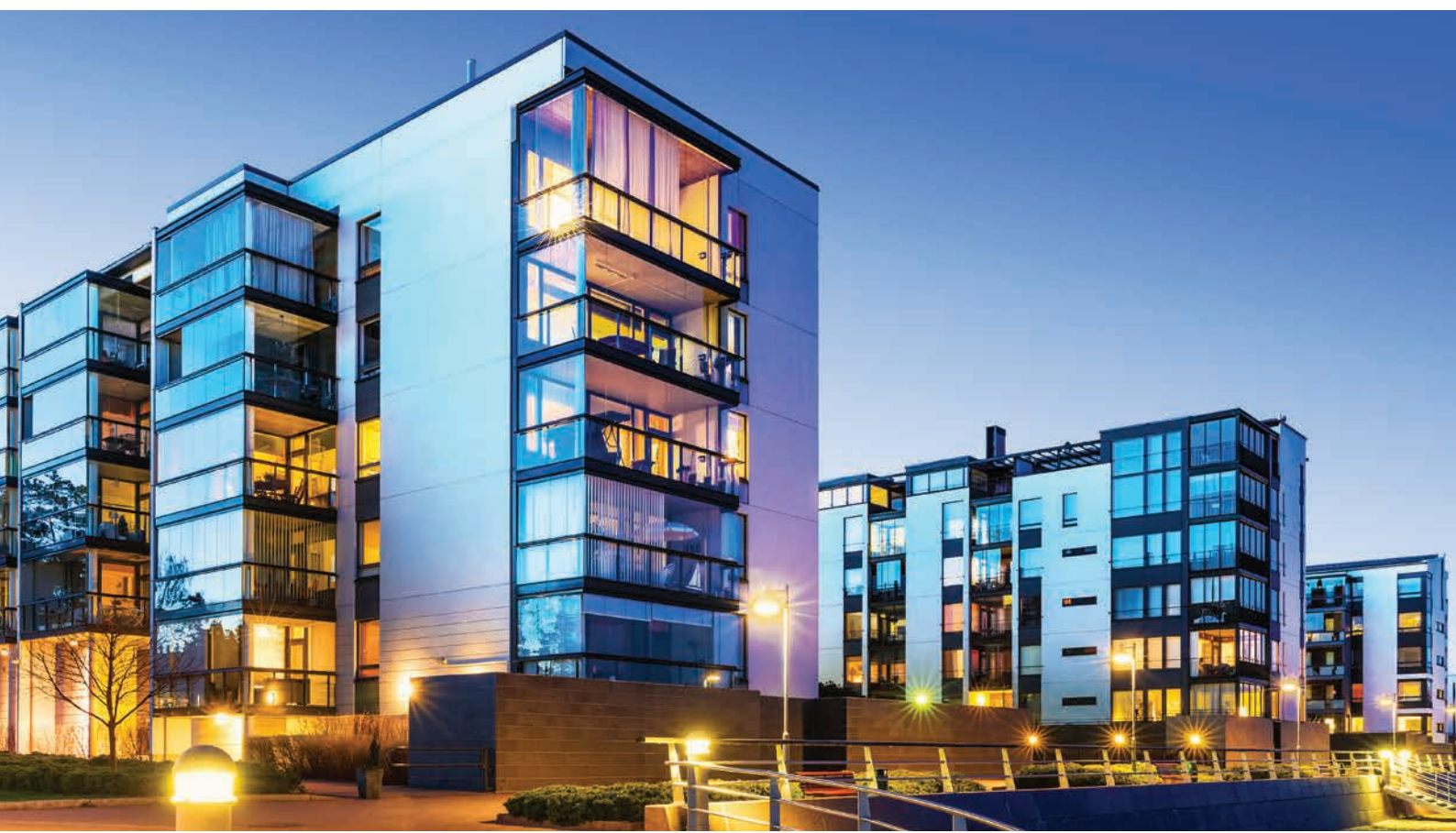
It is our mission to keep you in touch with the important things in life, especially the people, assets and places that support your livelihood.

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 IP intercom systems can also leverage existing network infrastructure, keeping installation & maintenance costs low. The range scales to provide effective multi-dwelling intercom/access solutions for small duplex to large apartment applications.

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



Contents | VIP Vision™ Intercom Product Solution Guide

6 Apartment IP Intercom Series with Management

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



10 Residential IP Intercom Series

IP based system with a wide range of door stations and monitors to suit any residence perfectly.



14 2-Wire IP Intercom Series

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



18 Model Quick Reference

Quick guide for selecting your VIP Vision IP intercom system.



Large-scale intercom solutions.

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.


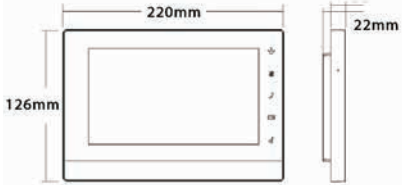
The central server can integrate network surveillance cameras & recorders into the intercom system and distribute the live camera feed to each residents' indoor monitors for community surveillance.


- 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

Apartment Door Stations | Series Specifications

Model		INTIPADSD
General	Product Image	
	Main Processor	Embedded Microprocessor
	Low Light Visibility	Backlit 2.3" OLED, Supplemental White Light (AGC)
	Door Control	1 x Relay Out / 1 x RS485 / 1 x Feedback / 1 x Exit Button / 1 x Wiegand In
	Card Support	Yes
	Tamper Detection	Yes
	Camera System	1/2.9" 2 Megapixel CMOS with 2mm lens (Diag. FoV: 158°)
	Audio Input	Omni-directional Microphone
	Audio Output	Embedded Loudspeaker
	Bidirectional Talk	Support
	Ethernet	10M/100Mbps Self-adaptive
	Network Protocol	TCP/IP
	Max. Additional Door Stations	10
	Max. Indoor Monitors	200
App Connection	Network	
Environmental	Vandal Resistant	IK08
	Ingress Protection	IP55 (Front plate)
	Installation	Surface mount / Flush mount
	Power Input	12VDC, PoE (802.3af)
	Power Consumption	Standby <2W / Operation <7W
	Dimensions	200 x 98 x 32mm
	Weight	1.50kg

IP Intercom Monitor & SIP Server | Series Specifications

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
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
Environmental	Max Bandwidth Output	300Mbps
	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

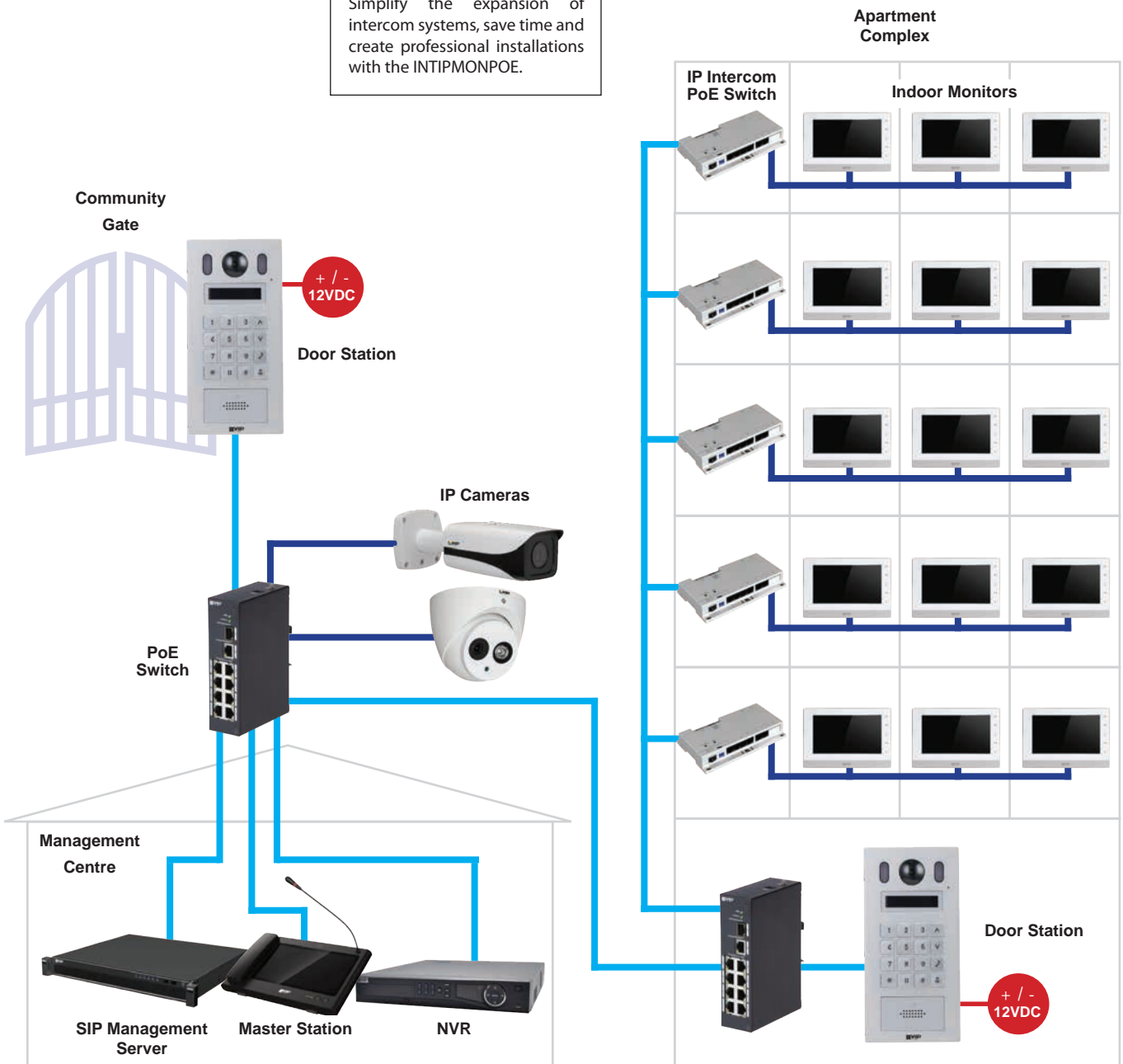
This diagram demonstrates a system with one front gate door station, one apartment complex door station, monitors for each apartment and a management centre. The system can integrate up to 5000 IP cameras, indoor monitors and intercom door stations.

Legend

- Ethernet
- Ethernet (PoE)
- Power



Model: INTIPMONPOE
 Inline Power over Ethernet switch for IP intercoms that facilitates network and power for up to six IP intercom monitors. Simplify the expansion of intercom systems, save time and create professional installations with the INTIPMONPOE.





Elegant access solutions.

Residential Series: IP intercom systems for home, duplexes & business

The Residential IP Intercom Series features setup & install via network, excelling in small-to-medium intercom solutions. Experience modern intercom features such as video & two-way talk, all with convenient PoE network installation.

- Door station cameras ranging up to 2.0 megapixel
- Door stations call all connected indoor monitors
- Connect & power door stations & monitors with PoE
- Intuitive interface, for ease-of-use for any visitors
- Interface with most electronic door strikes & sensors
- Entry granted via monitor buzz, NFC card/tag or app
- Slim 7" & 10" touchscreen indoor intercom monitors
- Receive visitor notifications, leave audio & video messages, remote view, remote unlock and 2-way talk via iOS & Android devices



Slimline Touchscreen Monitors



Connect & Power over Ethernet



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:

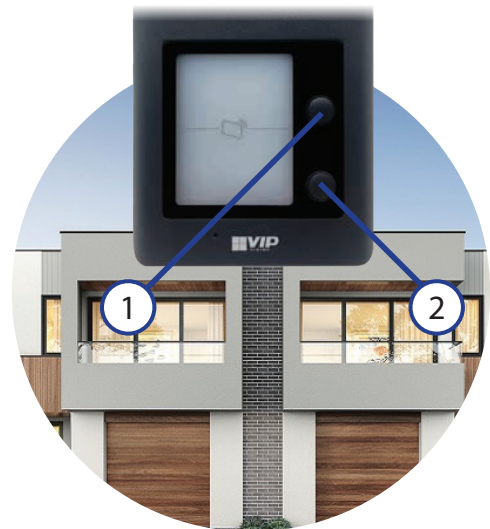
- **INTIPRDS**: 1.3MP large stainless steel door station with keypad & NFC card reader (IK07)
- **INTIPRDSJ**: 1.0MP matte plastic door station with NFC card reader
- **INTIPDDS2 / INTIPDDS4**: 2.0MP aluminium door stations with NFC card reader & 2/4 buttons (IK08)
- **INTIPRDSG**: 2.0MP aluminium door station with NFC card reader & 2-wire support

Single/multi tenant.

Intercom systems for homes, duplexes & apartments.

Residential Series intercom systems can be installed for single homes, duplexes and multi-home complexes, with different door stations to fit each application.

- Create simple systems with single-button models
- Call multiple residences with the door station with either multi-button or keypad models



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	INTIPRDS	INTIPRDSJ	INTIPDDS2	INTIPDDS4	INTIPRDSG
Product Image					
Main Processor	Embedded Microprocessor				
Camera System	1/2.9" 2 Megapixel CMOS with 2mm lens (Diagonal FoV: 158°)	1/1.4" 1.0 Megapixel CMOS with 2.2mm lens (Diagonal FoV: 122°)	1/2.8" 2.0 Megapixel CMOS with 1.9mm lens (Horizontal FoV: 140°/134°)		1/2.8" 2.0 Megapixel CMOS with 1.9mm lens (Horizontal FoV: 140°/134°)
Low-Light Application	Backlit OLED interface & white light	Backlit interface / Day/Night ICR	Day/Night ICR		Day/Night ICR
Card Support	Yes, Built-in NFC Card Reader				N/A
Keypad	12 Mechanical Buttons	1 Mechanical Button	2/4 Mechanical Buttons		2/4 Mechanical Buttons
Tamper Detection	Yes				
Input / Output	1 x Relay Out / 1 x RS485 / 1 x Feedback / 1 x Exit Button / 1 x Wiegand In	1 x Alarm Input / 1 x Alarm Output / 1 x RS485	1 x relay for door control / 2 x channel alarm interface (1 x unlock button, 1 x feedback) / 1 x RS485		1 x Alarm Input / 1 x Alarm Output / 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		Yes, up to 64GB
Ethernet / Network	10M/100Mbps Self-adaptive / TCP/IP protocol				
Vandal Resistant	IK08	N/A	IK08		IK07
Ingress Protection	IP65 (Front plate)	IP65 (Front plate)	IP65 (Front plate)		IP55 (Front plate)
Construction	Stainless Steel	Matte Plastic	Aluminium		
Installation Options	Surface Mount (Requires bracket) / Flush mount (Requires bracket)	Surface Mount	Flush mount		Surface mount (Requires bracket) / Flush mount (Requires bracket)
Power Input / Use	12VDC, Standby < 2W / Operation < 7W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 5W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 7W		12VDC 1A / PoE (802.3af) / Operation < 12W
Weight / Dimensions	1.50kg / 200 x 98 x 32mm	0.32kg / 135 x 71 x 35mm	0.80kg / 182 x 101 x 30mm		0.35kg / 130 x 96 x 29mm

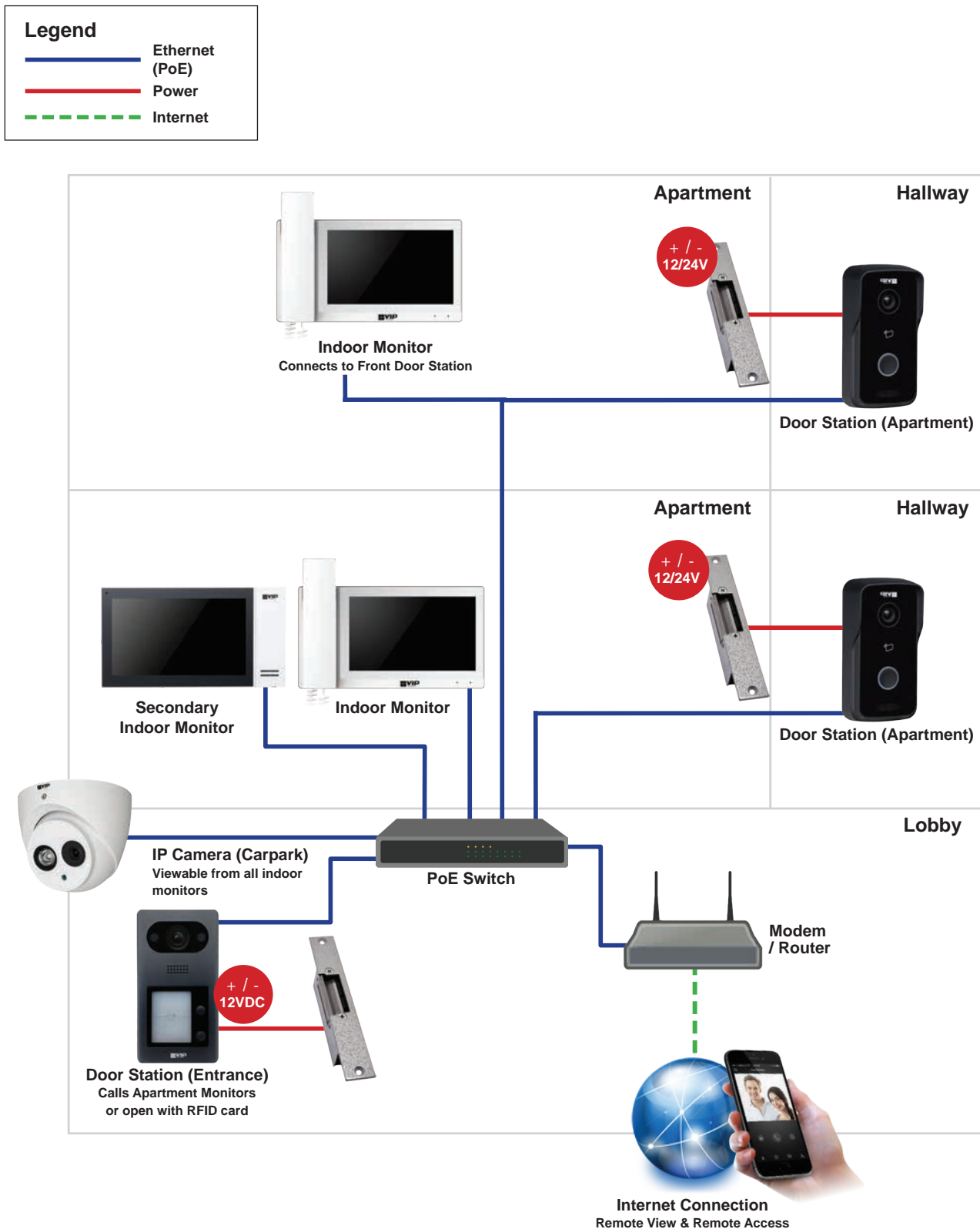
IP Intercom Monitors | Series Specifications

Model	INTIPMONGB (Black) / INTIPMONGW (White)	INTIPMONGBL	INTIPMONDBH2 (Black) / INTIPMONDWH (White)
Product Image			
Main Processor	Embedded Microprocessor		
Audio / 2-Way Talk	Omni-directional Microphone & Embedded Loudspeaker for 2-way talk		Omni-directional Handset & 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		
Installation Options	Surface Mount		Surface Mount / Desktop mount (Requires bracket)
Operating Temperature	-10 ~ +55°C / 10 ~ 90%RH (max.)		
Power Input / Use	12VDC 1A PoE (802.3af) / Standby < 4W, Operation < 6W	12VDC, PoE (802.3af) / Standby < 1W / Operation < 8W	12VDC, PoE (802.3af) / Standby < 2W, Operation < 5W
Weight / Dimensions	0.35kg / 222 x 120 x 22mm	0.92kg / 260 x 170 x 28mm	0.92kg / 236 x 129.8 x 23mm

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.

- 1.3/1.0 megapixel, low-light door station cameras
- 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

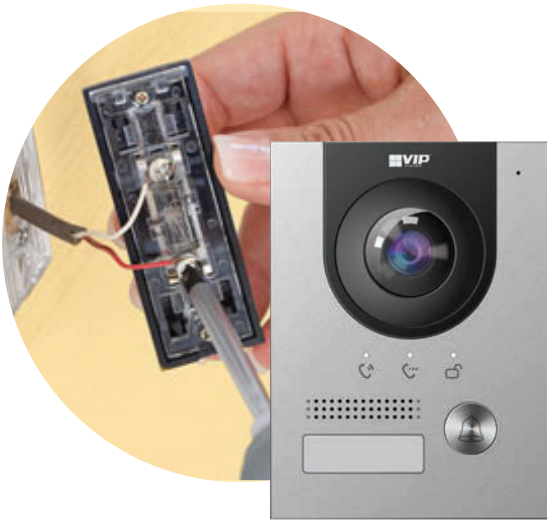


Add 2-Wire Systems to Network



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 Door Stations | Series Specifications

Model	INTIPRDSVW2W	INTIPRDSG	
Product Image			
General	Main Processor	Embedded Microprocessor	
	Camera System	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: 122°)
	Low-Light Application	N/A	Day/Night ICR
	Card Support	N/A	Yes, Built-in NFC Card Reader
	Keypad	1 Mechanical Button	
	Tamper Detection	Yes	
	Input / Output	?	1 x Alarm Input / 1 x Alarm Output / 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
	Ethernet / Network	N/A	10M/100Mbps Self-adaptive / TCP/IP protocol
Environmental	Vandal Resistant	IK07	
	Ingress Protection	IP54 (Front plate)	IP55 (Front plate)
	Construction	Stainless Steel	Aluminium
	Installation Options	Surface mount (Requires bracket, included) / Flush mount (Requires bracket)	Surface mount (Requires bracket) / Flush mount (Requires bracket)
	Power Input / Use	24VDC, Standby < 1W / Operation < 7W	12VDC 1A / PoE (802.3af) / Operation < 12W
	Weight / Dimensions	0.80kg / 130 x 140 x 32mm	0.35kg / 130 x 96 x 29mm

2-Wire Intercom Monitors | Series Specifications

Model	INTIPMON2W	
Product Image		
Intercom Monitor	Main Processor / OS	Embedded Microprocessor / Embedded Linux OS
	Audio / 2-Way Talk	Omni-directional Microphone & Embedded Loudspeaker for 2-way talk
	Display Size	7" Colour TFT LCD (800 x 800) Capacitive Touchscreen
	Alarm Support	6 Input / 1 Output / 1 x RS485
	Internal Capacity	MicroSD Slot, up to 32GB
	Ethernet / Network	1 x RJ45, 10/100Mbps Self-adaptive
	Installation Options	Surface mount
	Operating Temperature	-10 ~ +55°C / 10 ~ 90%RH (max.)
	Power Input / Use	Requires INTIPPOE2W Operation < 7W
	Weight / Dimensions	0.80kg / 200 x 136 x 22mm
General		



2-Wire Residential Intercom Network Controller

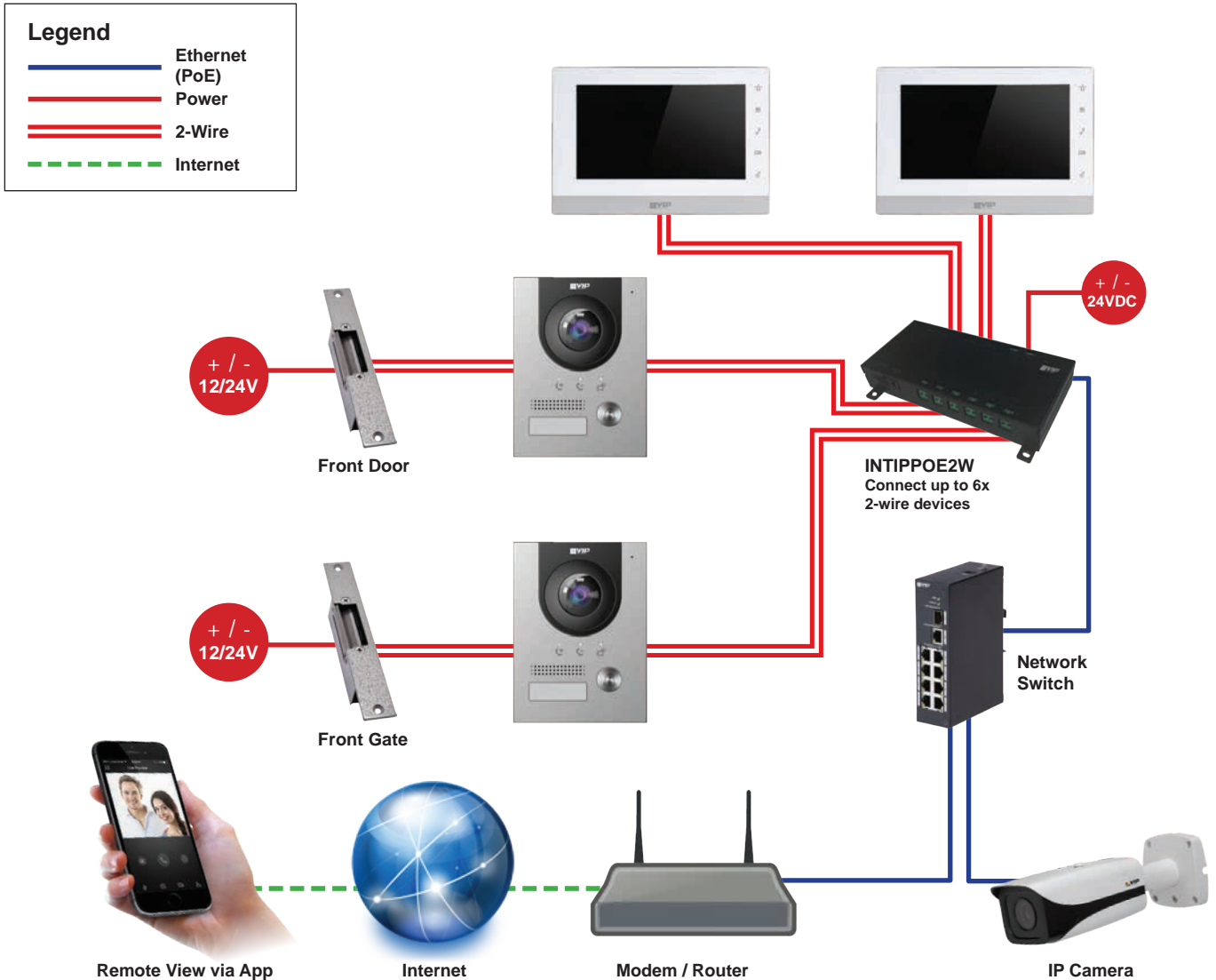
Model: INTIPPOE2W

The 2-Wire Intercom Switch facilitates network & power for up to 6 2-wire intercom devices.

- Facilitates network/power connectivity to 6 x 2-wire intercom devices
- Provides 24VDC power with a maximum power load of 80W
- Metal body with screws for surface mounting

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 Product Reference Guide

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

Type	Door Station	Indoor Monitor	Accessories
Apartment Series			
	INTIPADSD Keypad Vandal Door Station	INTIPMON 7" Standard IP Monitor INTIPMONDBH2/WH 7" Handset Monitor IP (Black/White)	INTIPADSDFB Flush Mount for INTIPRDS INTIPADSDSB Surface Mount for INTIPRDS INTIPRDSGSB Surface Mount for INTIPRDS INTIPMONPOE Intercom PoE switch INTIPMS Management station INTIPSIPSRV SIP server
Residential Series			
	INTIPRDS Metal Vandal Door Station INTIPRDSJ Matte Plastic IP Door Station INTIPDDS2/4 2/4-Button Metal Door Station INTIPRDSG IP & 2-Wire Door Station	INTIPMONGB/GW 7" Standard IP Monitor (Black/White) INTIPMONDBH2/WH 7" Handset IP Monitor (Black/White) INTIPMONGBL 10" Handset IP Monitor (Black) INTIPMON 7" Standard IP Monitor	INTIPADSDFB Flush Mount for INTIPRDS INTIPADSDSB Surface Mount for INTIPRDS INTIPRDSGFB Flush Mount for INTIPRDSG INTIPRDSGSB Surface Mount for INTIPRDSG INTIPMONDH-B Desk Mount for Handset Mon. INTIPDM Door expander module
2-Wire Series			
	INTIPRDSVW2W 2-Wire Vandal Door Station INTIPRDSG IP & 2-Wire Door Station	INTIPMON2W 2-Wire 7" Intercom Monitor	INTIPRDSGFB Flush Mount for INTIPRDSG INTIPRDSGSB Surface Mount for INTIPRDSG INTIPRDSVW-RS Rain Shield for INTIPRDSVW2W INTIPRDSVW-FM Flush Mount for INTIPRDSVW2W INTIPPOE2W 2-Wire Network Controller INTIPDM Door expander module



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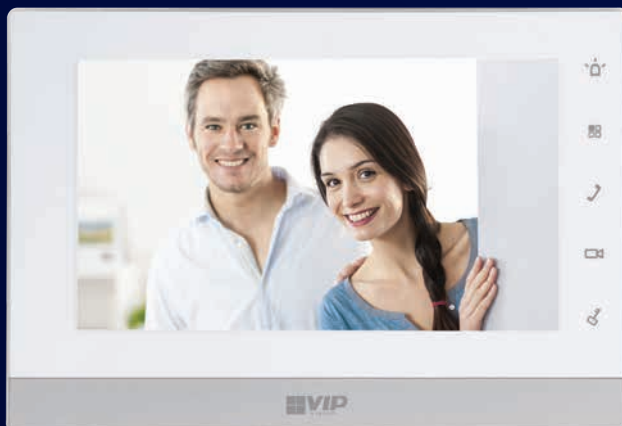
Achieve more than security with VIP Vision and the DMSS smartphone app. Receive instant surveillance alerts, live view your cameras, playback footage, take snapshots and even remotely unlock your intercom-connected door lock. Do this and more from anywhere with your VIP Vision IP system.





Crucial evidence. Always.™

Contact your local VIP Vision network intercom professional:



www.vip-vision.com