



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	INTIPADSD
General	Main Processor		Embedded Microprocessor
	Low Light Visibility		Backlit Interface
	Card Support		Yes
	Tamper Detection		Yes
Camera	Camera System		1.3" 1.3 Megapixel CMOS with 3.6mm lens (Diag. FoV: 95°) / 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
Environmental	Vandal Resistant		IK07 / N/A / IK08
	Ingress Protection		IP54 (Front plate) / IP65 (Front plate) / IP55 (Front plate)
	Installation		Surface mount rain shield / Flush mount / Flush mount / Surface mount / Flush mount
	Power Input		12VDC
	Power Consumption		Standby < 1W / Operation < 10W / Standby < 2W / Operation < 6W
	Dimensions		143 x 406 x 42mm / 150 x 408 x 46mm / 200 x 98 x 32mm
	Weight		1.60kg / 1.50kg
Accessories	Product Diagram		
	Compatible Brackets		
	Flush Mount (INTIPAFM103)		Flush Mount (INTIPAFM103) / Surface Mount (INTIPADSDSB)

Model	INTIPMON	
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
Product Image	
Main Processor	Quad-Core Processor
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
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
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.

