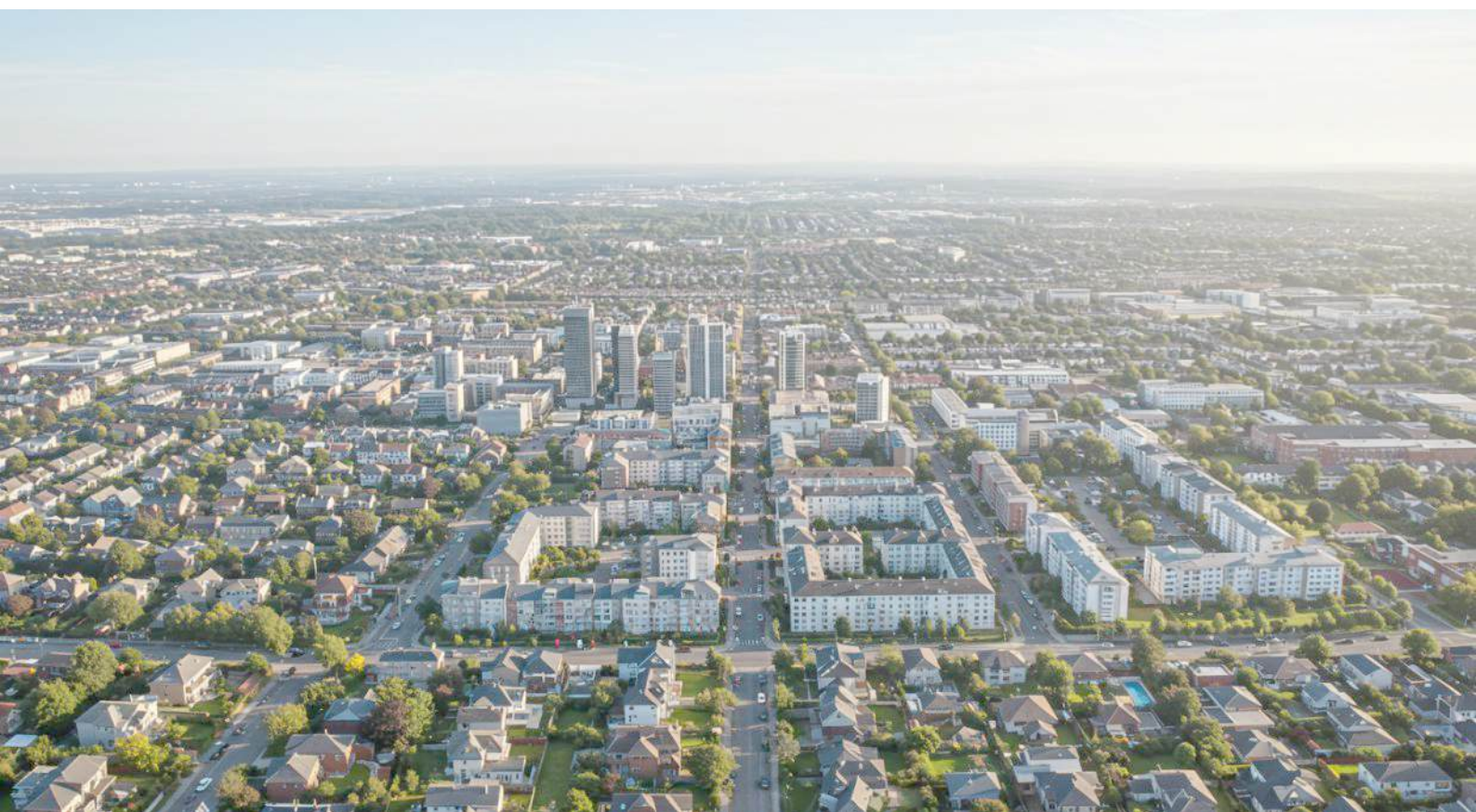


ATIGO

Door Entry Solutions **Designed for Every Project**



Door Entry Kits



Door Entry Panels



Door Entry Monitors



Accessories

Contents

Introduction

About Us	1
Applications	2

Video IP 3

Features & Benefits	4
System Devices	6
Networking Options	9
Villa / House System	9
Single System	10
Networked System	11
PC Software	12
Technical Specification	13

Simple 2 Wire 14

Features & Benefits	15
System Devices	17
Villa Kits	23
Multi Apartment System	25
System Expansion	27
Accessories and Power Supplies	28

About us

Welcome to ATIGO

The brand was launched in the UK market in 2020, providing audio and video intercoms essential for home security.

With a comprehensive range, Atigo is the perfect solution for projects of all sizes. From single dwelling, small and medium size apartment blocks to large multi dwelling projects with multiple tower blocks.

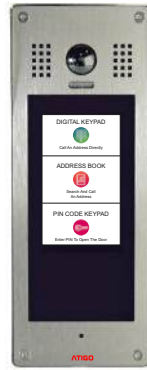
At Atigo, we work with key players in the door entry, access control and new build sector. Their insights guide our designs, allowing us to offer solutions that solve everyday challenges by, enhancing performance, optimising installation procedures and simplifying maintenance.



Applications



High Rise

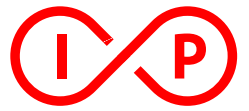


Apartments



Houses

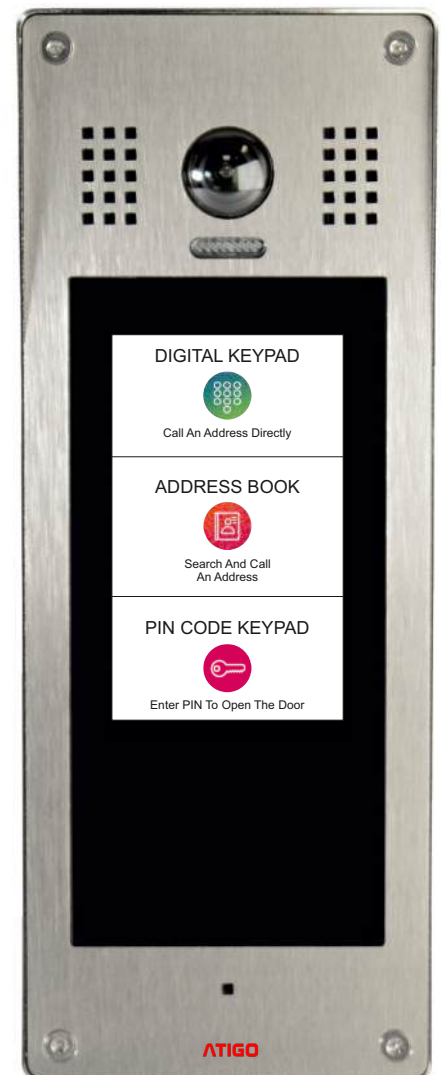




Why choose the Atigo IP?

Secure, Simple, and Scalable

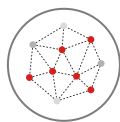
The Atigo IP door entry system combines enhanced security, fast installation, expandability and sleek design to meet modern security needs for homes, apartments, and commercial buildings, delivering a reliable, adaptable, and stylish solution.



- Enhanced Security and Reliability**
Optional IP locking relay A2605-IPW and CERT* certificate.
- Quick Installation**
Configure the entire system directly from the door station.
- Expandable**
Simply add and sync devices to scale up the system.
- Design**
Designed with a slim, compact profile, monitor blend in seamlessly into any space.

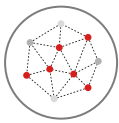
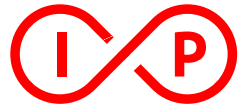
*CERT: A process that creates a secure certificate, binding specific IP addresses to ensure network security and prevent unauthorised modifications.

Key Features and Benefits



For the Installer...

- **Setup for the installer:**
Configure the entire system using the glass touch screen on the door station.
No external tools or software required.
- **Scalable:**
Expand the system up to 256 devices without a need for additional software or servers. Simply add more door stations or monitors to the system.
- **Smart Address Configuration:**
Automatically add and assign multiple entrances and apartments using the built-in address configuration tool, saving installation time.
- **Enhanced Security:**
The system supports Onvif IP cameras, multi-channel communication, and features an optional IP locking relay.



For the User...

- **Access Control:**
View your PIN or card directly from the indoor monitor.
- **Customisable Apartment Details:**
Change your apartment name directly from the indoor monitor, which syncs automatically to the door station.
- **Additional Security Options:**
Integrate additional Onvif IP cameras for improved surveillance and peace of mind.
- **Mobile Integration:**
The mobile app feature, diverts visitor calls to your smart phone, allowing you to answer and unlock the door remotely.
- **Multi-Channel Communication:**
Engage in multiple conversations simultaneously between apartments or rooms for added convenience and functionality.

Door Entry Panel

A499S-IP

Housed within a slim, durable stainless steel body, it combines elegant design with powerful functionality. User interaction is managed through a vibrant 5-inch TFT glass touch screen with a customisable menu and digital address book. Built-in access control with PIN code and tag reader and support for two locking devices.



Stainless Steel

Surface mount, slim design.



5 inch TFT Display

Screen with glass touch screen.



Customisable Menu

User interface, Building Address and Apartments Names.



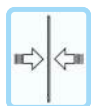
720P Fish Eye Camera

170° wide viewing angle.



Dual Reader

Supports both 125Khz EM and 13.56Mhz Mifare 1K Tags.



Slim Design

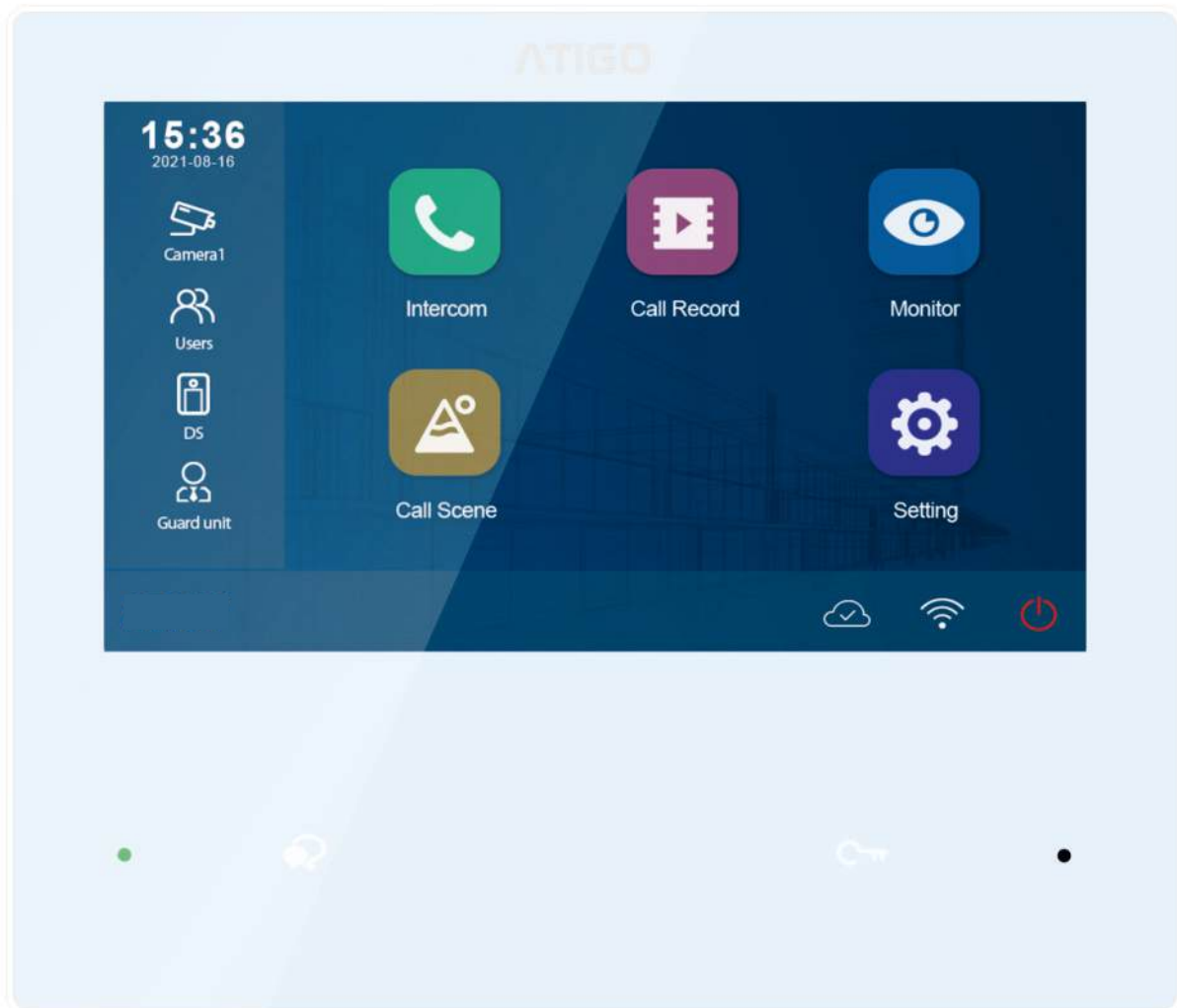
Dimensions: 281(H) × 108(W) × 28(D)



Video Monitor

A1705-IPW

This slim design unit is an elegant and intuitive indoor touch screen monitor that serves as the central command hub for modern intercom and access control. Its main feature is the built-in Wi-Fi for mobile app calling and door control.



Mobile App
Enabled call transfer



7 inch TFT Display
Touch Screen 1024*600



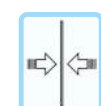
Built in Wi-Fi
Connecting Mobile app



Customisable Menu
Favourite shortcuts, Call divert,
Quad View and PiP



Access Control
View PIN or add personal Tag



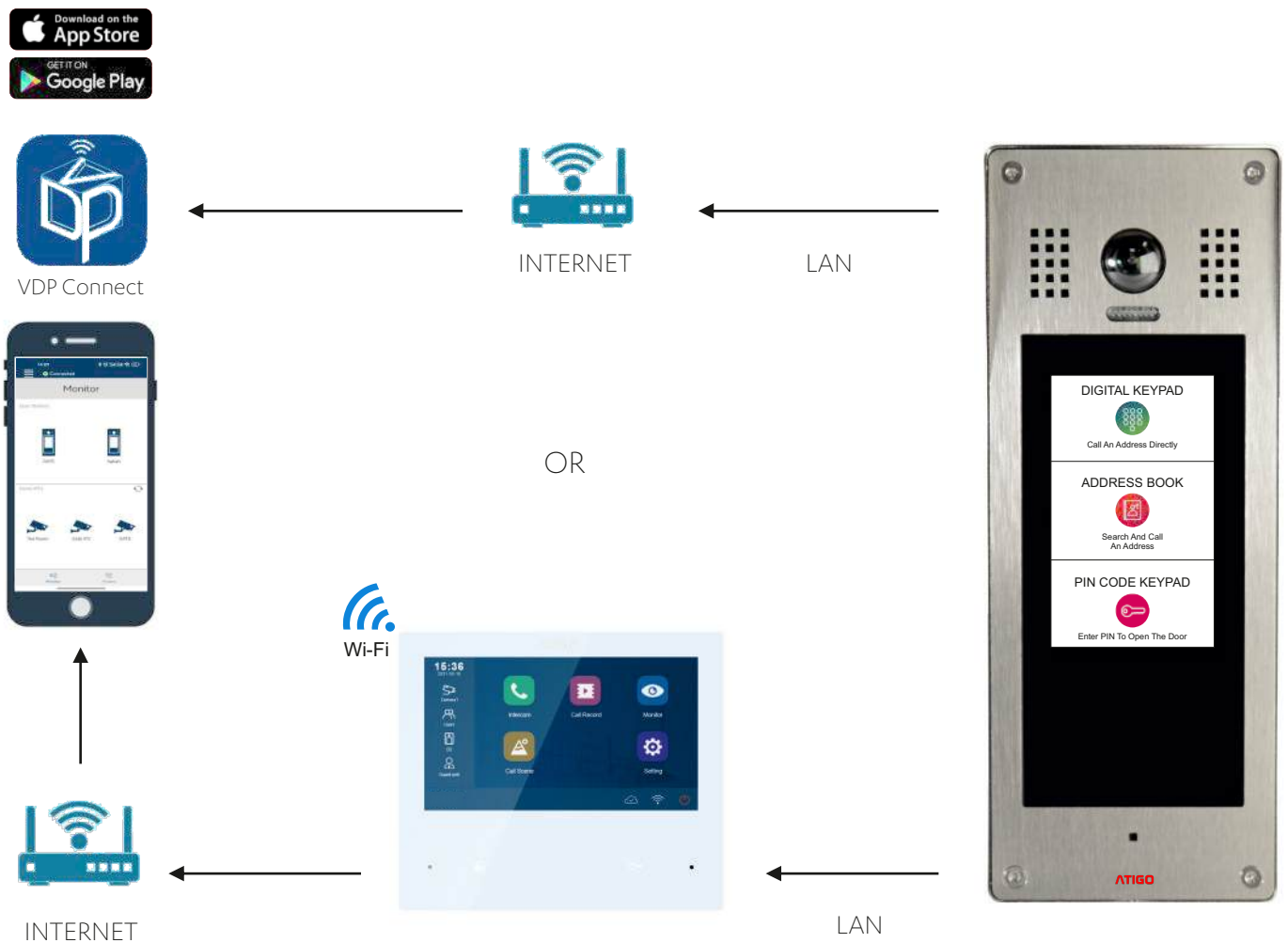
Slim Design
Dimensions: 159(H) × 185(W) × 18.5(D) mm

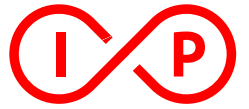
Mobile App

VDP Connect

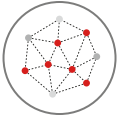
Divert calls or call your smart phone using VDP Connect mobile app available for iOS and Android devices

- No email registration required
- Mobile app available for iOS and Android devices
- Call up to 5 mobile phones
- Call mobile app directly, no need for internal monitor (max. 32 virtual users)





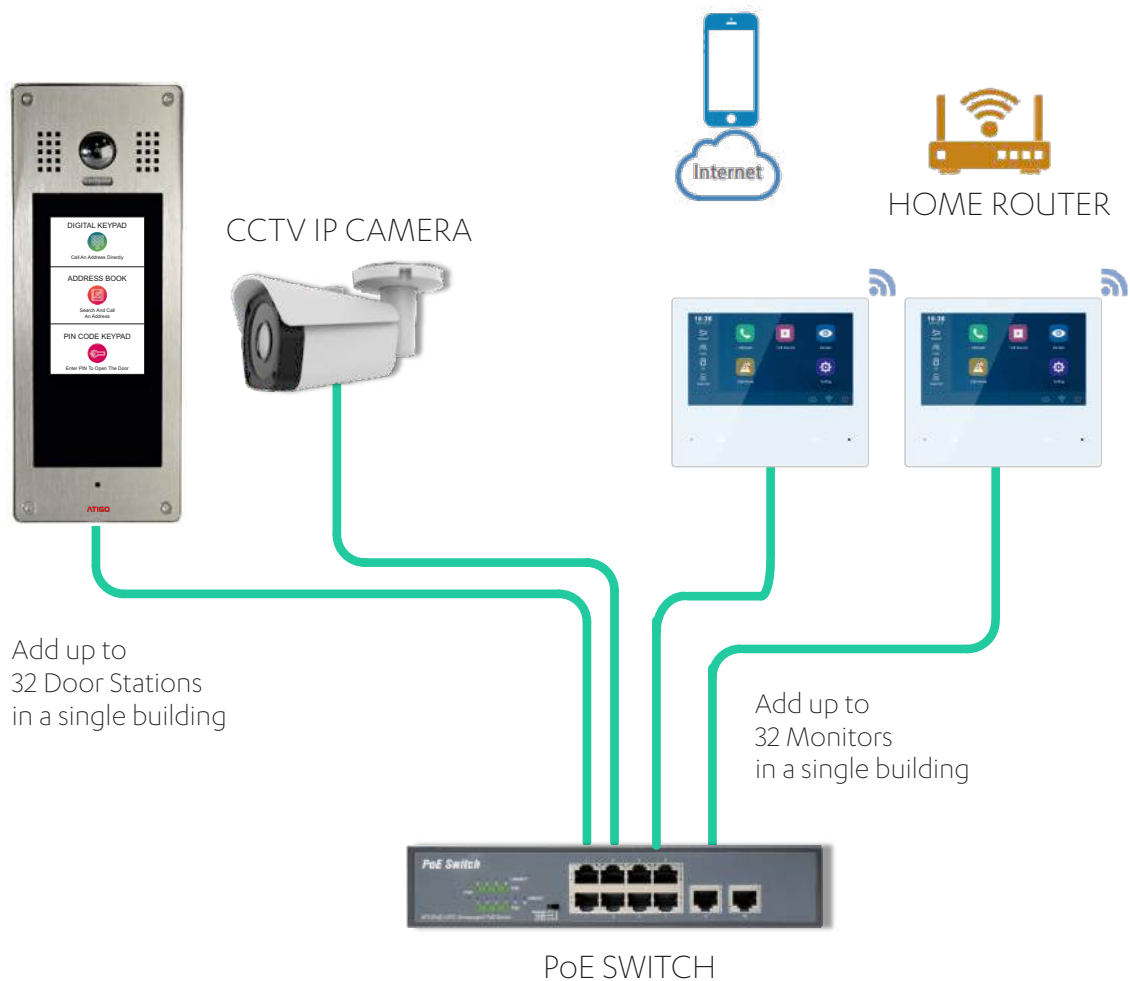
Networking Options



The Atigo IP system supports multiple networking modes to suit various installation environments.

Villa System

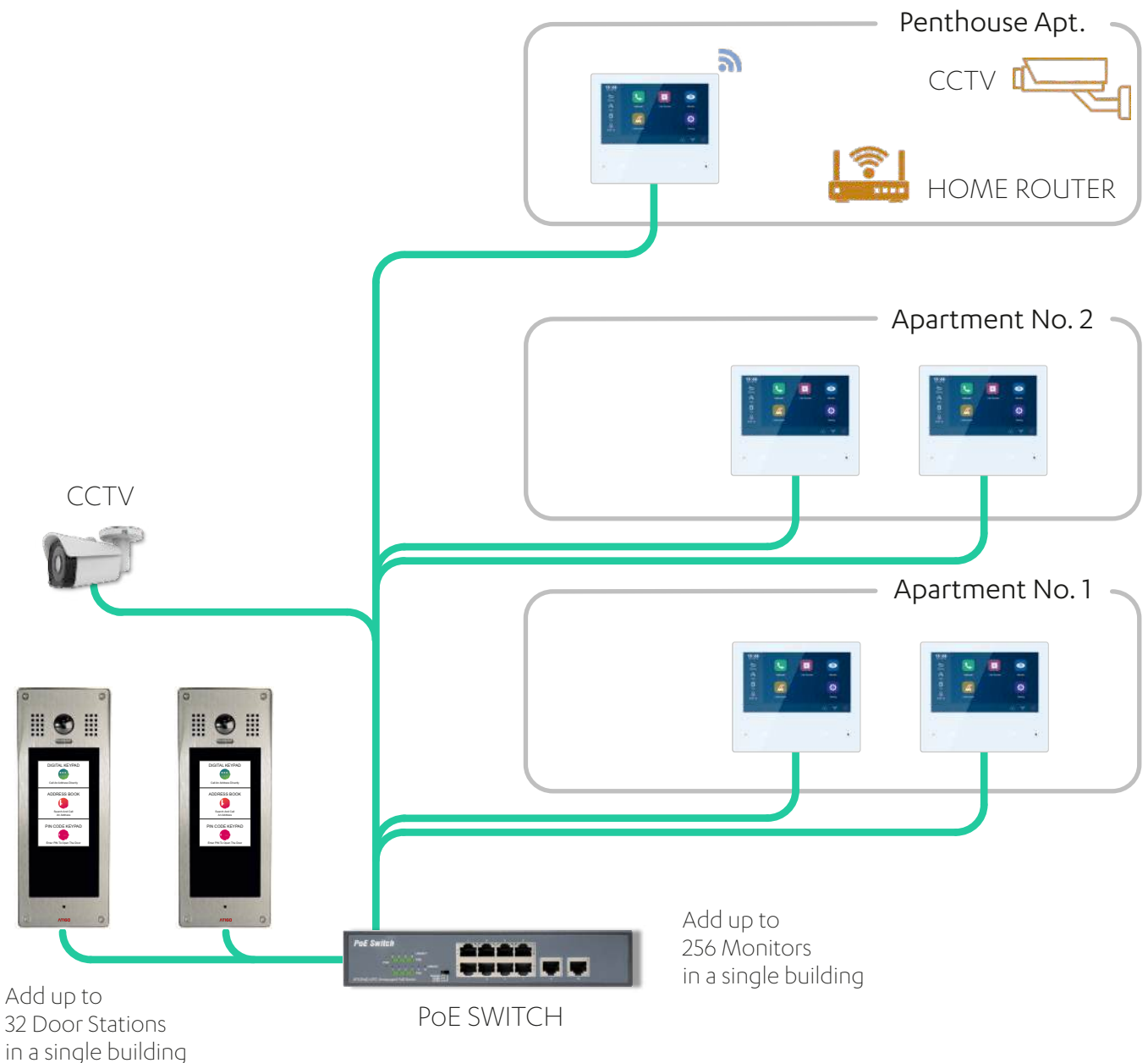
Designed for small installations such as a single home or office, with the addition of integrated CCTV cameras. The door station can call multiple monitors simultaneously from different locations e.g. a main entrance or car gate.



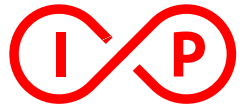
Apartments

Apartment System

Ideal for medium-sized installations, such as low-rise apartment buildings with multiple entry points and shared resources e.g. central monitoring.

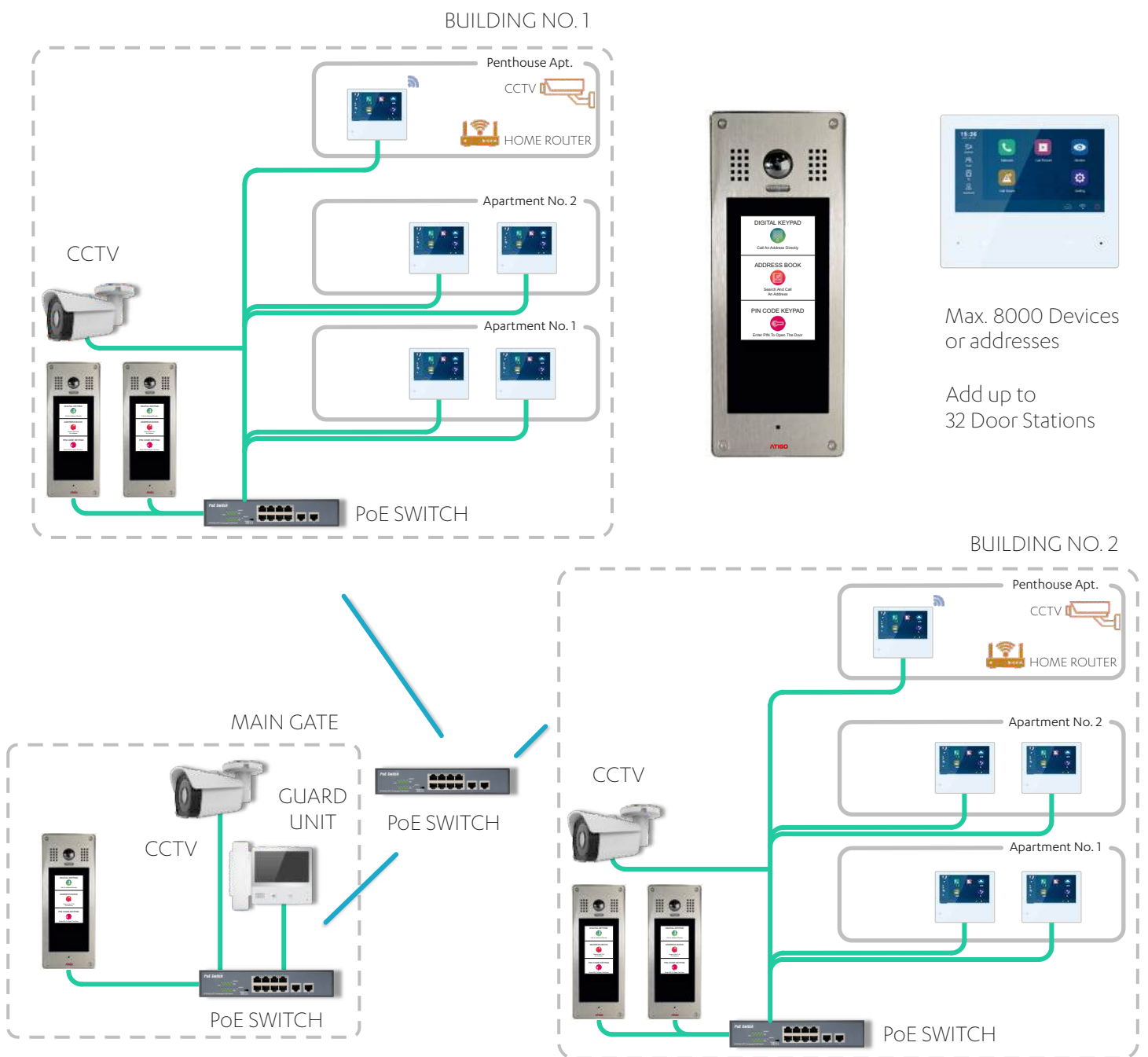


High Rise



High Rise System

Tailored for large-scale, complex systems with up to 8,000 devices across multiple buildings. Cloud-based management for remote access and configuration.



Software

PC Software

Dedicated cloud-based management software for large-scale complex systems with multiple buildings.



● **Batch Configuration**

Search, add and modify all online device on the network.



● **Maintenance**

Update projects from any device on the network.



Technical Specification

General

Power Source:
Power-Over-Ethernet (IEEE 802.3af Class 0)

LAN Interface:
10 BASE-T / 100 BASE-TX Ethernet (RJ-45)

Network Protocols:
TCP, UDP, SIP, DHCP, AUTOIP, TFTP, RTSP, RTP, RTCP, IGMP, MLD, NTP, DNS

Media Codec:
Audio: G711, Video: H.264

Bandwidth Usage:
Audio: 128Kbps, Video: 24Kbps ~ 8,192Kbps

Communication:
Hands-free

Cable Type:
Cat5e and above

Wiring Distance:
100m

Operating Temperature:
-25 to +55 Celcius

Dimensions

Height: 281mm

Width: 108mm

Depth: 28mm

Mounting: Surface



Devices

Door Station: A499S-IP

Camera Type: 1/3.7" Ultra Sense, ISP with 77dB WDR

Lens Angle: 170 degree with Fisheye correction

Minimum Illumination: 5 lux

Screen: 5" TFT display, 480*800 pixels

Material: Stainless Steel Housing

Ingress Protection: IP65

Monitor: A1705-IPW

Interface Type: Touch Screen, Touch Buttons

Communication: LAN Interface

Screen: 7" TFT display, 1024*600 pixels

Mobile App: Wi-Fi or LAN connection

CCTV: Onvif IP Cameras compatible

Monitoring: Quad view with PiP (Picture-in-picture)

Height: 159mm

Width: 185mm

Depth: 18.5mm

Mounting: Surface



Why choose the Atigo 2-Wire?

Straightforward, Simple 2-Wire

The non-polarity conscious technology offers ease of installation on new or existing cabling infrastructure. Coupled with a straightforward product range, this robust and dependable solution eliminates the need for specialised training and simplifies configuration. Perfectly suited for installation in single homes, villas, and low-rise apartment blocks. Saving time on complex installation and setup in either audio or video systems.

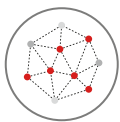
- **Stainless Steel Range of Entrance Panels**
1 - 12 buttons with keypad or proximity, or digital call out of the box solutions.
- **Quick Installation**
Configure the entire system in minutes with simple programming.
- **Expandable Audio and Video Options**
Simply add an entrance panel or an audio handset to an existing video setup.
- **Design**
Slim, compact profile monitors available in 4.3" and 7" size screens.
- **Enhanced Security:**
Wi-Fi enabled monitor can connect to Onvif IP cameras with option for PiP (Picture in Picture) setup.





Key Features and Benefits

Surface or flush mounted video panels available with digital call display, keypad and proximity reader to provide simple, robust access control solution for any project.



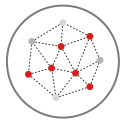
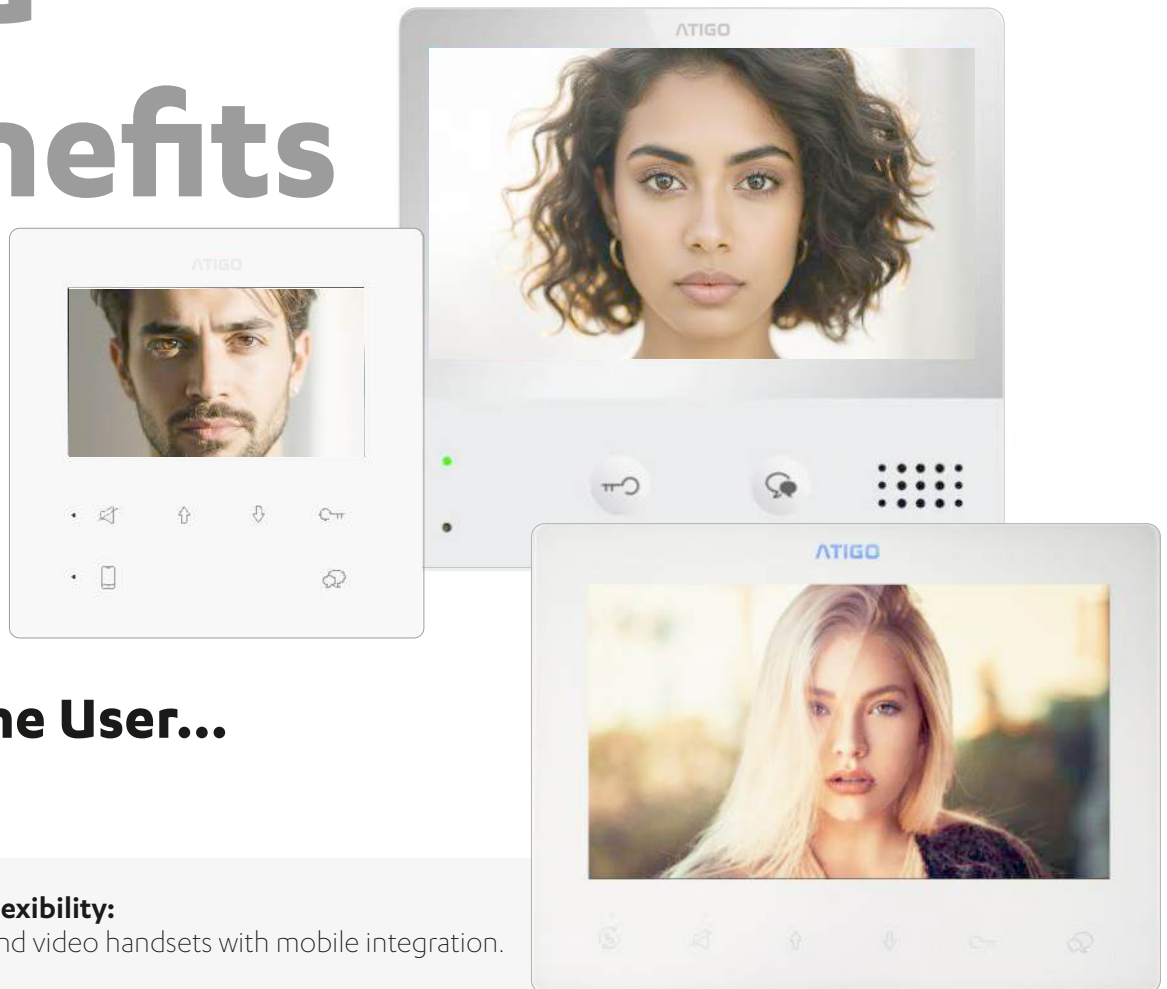
For the Installer...

- **Setup for the installer:**
Configure the entire system using DIP switches and built-in menu.
No external tools or software required.
- **Scalable:**
Expand the system up to 4 entrances and 64 mobile devices calling the Mobile App or 128 apartments with standard monitors
- **Simple Address Configuration:**
Add and assign entrances and monitors using the built-in DIP switches, saving installation time.
- **Cabling Flexibility**
Suitable for installation with stranded, twisted pair, CAT5 and telephone cables.



Atigo **A499S**

Key Features and Benefits



For the User...

- **Ultimate Flexibility:**
Mix audio and video handsets with mobile integration.
- **Slim Design:**
Range of 4" and 7" screens, in slim and compact design.
- **Simple Navigation:**
All units come with simple and easy to operate menu.
- **Touch Buttons:**
All video monitors models have touch button design.
- **Mobile Integration:**
The built-in mobile app feature on the 7" monitor diverts, visitor calls to your smart phone, allowing you to answer and unlock the door remotely.
- **Intercom Communication:**
Enable internal communication, simultaneously calling all handsets in a apartment.



Panels



Stainless Steel Video Panels

A sleek, surface-mounted panel is constructed from high-grade, precision laser-cut BS316 stainless steel and is supplied with a matching protective hood. The unit, configurable with up to twelve buttons, incorporates a video camera module equipped with a fisheye lens to deliver, 170° degree wide viewing angle.

- BS316 stainless steel construction
- Vandal resistant 19 mm call buttons
- Video camera with 170 degree fisheye lens
- Clear high-quality audio
- Light for night view
- Voice confirmation
- LED indicators
 - call in progress
 - speak now
 - door open



Atigo **A409S**

SKU	"Number of Buttons"	Size	"Panel Height"	"Panel Width"	"Panel Depth"	"Hood Depth"
A401S - A404S	1 - 4	1	169	114	50	61
A405S - A412S	5 - 12	2	269	114	50	61
A413S - A420S	13 - 20	3	369	114	50	61

Panels



Stainless Steel Video Panels with Keypad

Engineered for secure access, surface-mounted panels features an integrated keypad module with up to 100 individual user codes and two relays outputs. Configurable for up to twelve buttons, with either audio speech unit only or video camera module.

- BS316 stainless steel construction
- Vandal resistant 19 mm call buttons
- Video camera with 170 degree fisheye lens
- Integrated keypad module
- Programmable 100 user codes



Atigo **A404SK**

Keypad Features

This panel has the added feature of a keypad which can be used to control a door or gate with the use of a pin code.

Power supply A2110 required

- Keypad with 108 user codes & 2 user modes
- Durable buttons with illuminated keys
- Reassurance beep when the key is pressed
- Non-volatile data storage

SKU	"Number of Buttons"	Size	"Panel Height"	"Panel Width"	"Panel Depth"	"Hood Depth"
A401SK - A404SK	1 - 4	2	269	114	50	61
A405SK - A412SK	5 - 12	3	369	114	50	61



Stainless Steel Video Panels with Proximity Reader

This sleek, surface-mounted panel design is centered around an integrated proximity reader to provide high-performance and robust access control solution



Atigo **A404SP**

- BS316 stainless steel construction
- Vandal resistant 19 mm call buttons
- Video camera with 170 degree fisheye lens
- Integrated proximity reader
- Reader cut out 40x40 for suitable 3rd party readers

Proximity Features

This panel has the added feature of a proximity cut-out. This will give the end user the ability to open their door or gate using a proximity card or fob when used with A2700.

- 40 x 40mm panel mount proximity reader
- 2000 user controller
- 12V DC power supply
- 10 x proximity tags

SKU	"Number of Buttons"	Size	"Panel Height"	"Panel Width"	"Panel Depth"	"Hood Depth"
A401SP - A404SP	1 - 4	2	269	114	50	61
A405SP - A412SP	5 - 12	3	369	114	50	61

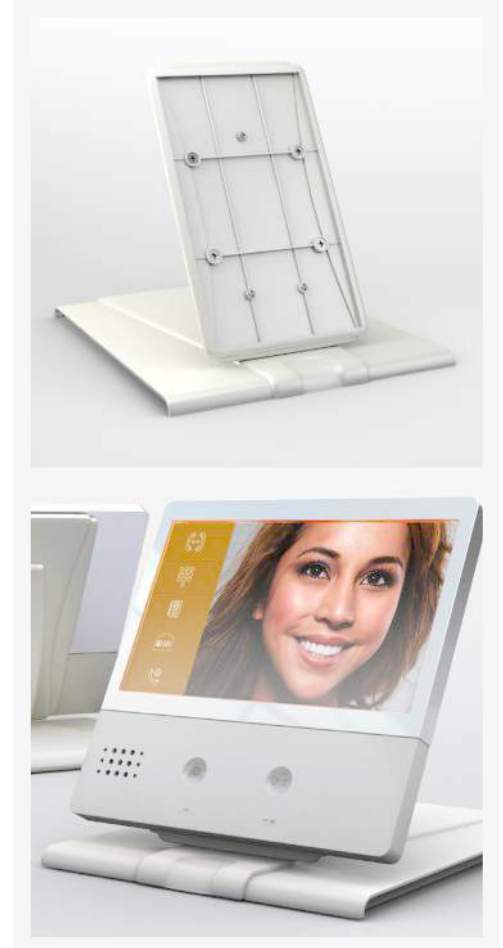
Monitors



Touchscreen and Wi-Fi

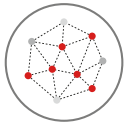
Atigo **A1702DK**

Desktop Bracket for A1714
Colour Monitor (White)

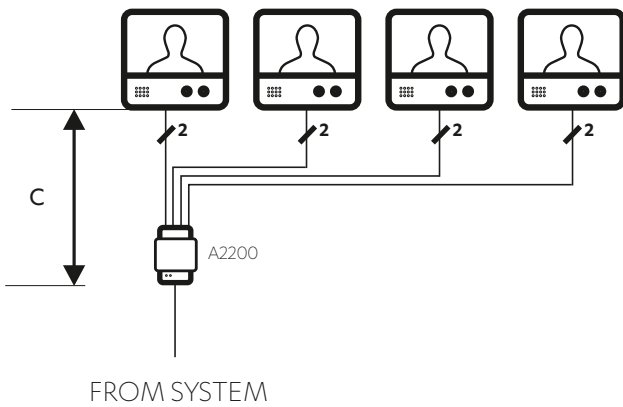


The monitor features slim-profile chassis for a discreet and modern appearance and an elegant white & light grey finish. The 7" touchscreen monitor has a 1024 x 600 pixels resolution display and LED status indicators. Unit can be wall or desk mounted with a A1702DK desk kit. The A1714 Wi-Fi unit allow video app calling to smartphones (iOS, Android).

	A1703	A1714
Simple and intuitive menu with navigation	1	1
7" LCD display with touch screen	1	1
Slim design Chassis	1	1
Built in Wi-Fi for calling via Mobile App		1
LED indicator for calling status	1	1
Do not disturb indicator	1	1
Wall or desk mount (with A7100 kit)		1



Additional Monitors

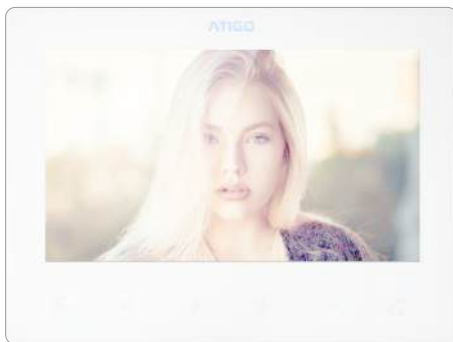


Dimensions

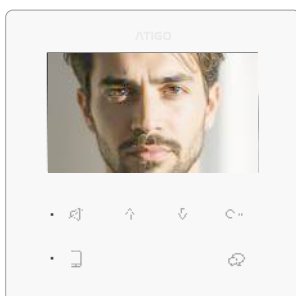
SKU	Height	Width	Depth
A1403	138	138	14
A1703	139	186	14
A1714	161	174	22

Distance (Metres)

Cable Type	A	B	C
CAT5e Twisted Cores	40	40	30
Twisted Flex PVC Cable 2 x 0.75 mm ²	60	60	30
Twisted Flex PVC Cable 2 x 1.00 mm ²	80	70	30



A1703
Slim design with 7" display and touch buttons

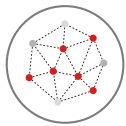


A1403
Slim design with 4.3" display and touch buttons

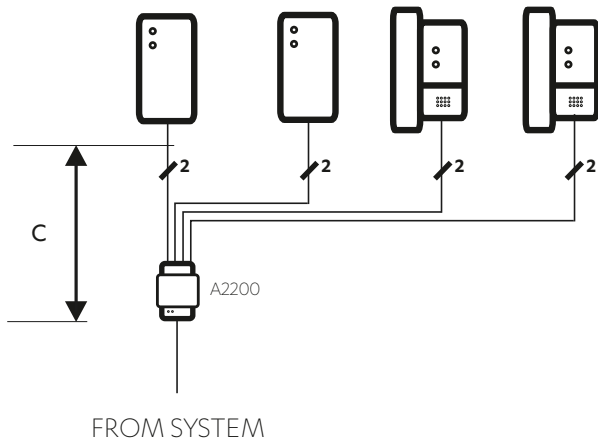


A1714
Built in Wi-Fi for calling via Mobile App

Handsets



Additional Handsets



Dimensions

SKU	Height	Width	Depth
A1001	187	97	33
A1004	138	90	17.5

Distance (Metres)

Cable Type	A	B	C
CAT5e Twisted Cores	65	65	30
Twisted Flex PVC Cable 2 x 0.75 mm ²	100	100	30
Twisted Flex PVC Cable 2 x 1.00 mm ²	120	120	30



A1001

Simple design with traditional buttons and secondary lock option



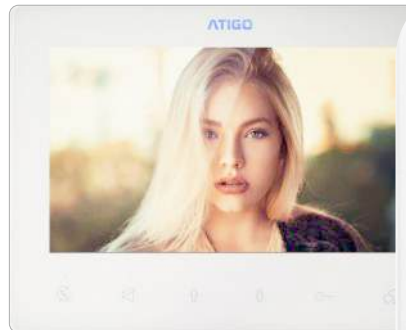
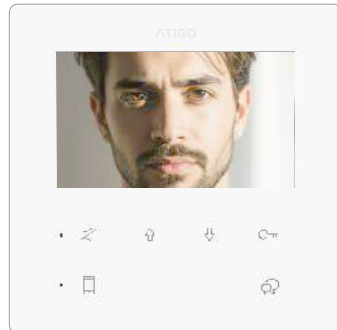
A1004

Slim, hands-free design with touch buttons and mute function.

Kits



Villa Video Kits



Kits are an ideal solution for small installations in home or office, with an option to add up to four monitors. For an area where there is a need for controlled and restricted access, kits include entrance panels with built in keypad or proximity reader.

Attention Indicators

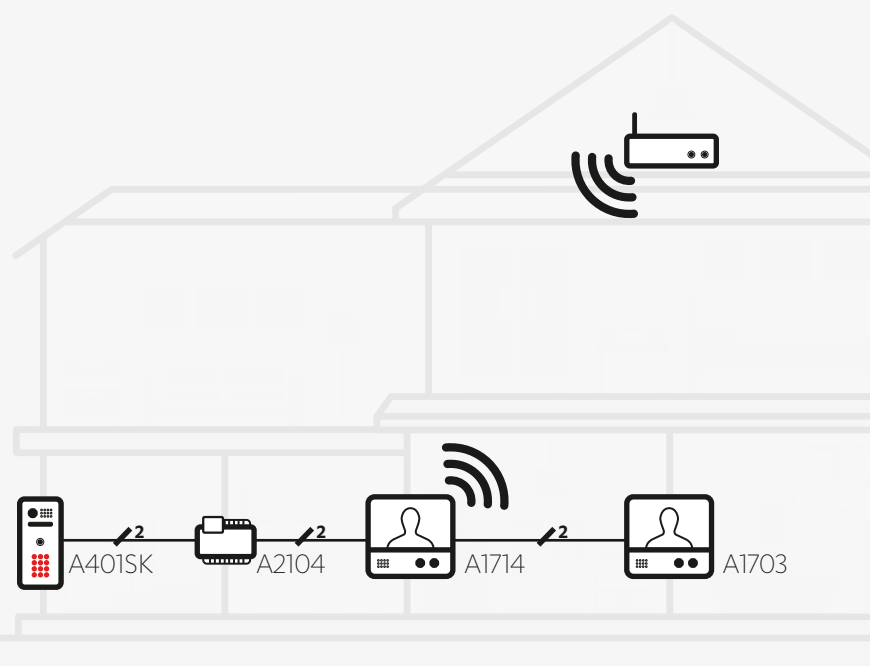
The front door station is equipped with voice and LED status indicators allowing the visitors to know that the intercom is ringing, the door is open, or there is no answer.

Easy Setup

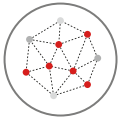
No complicated programming. DIP switches allow to set unlock time and lock type.

Lock

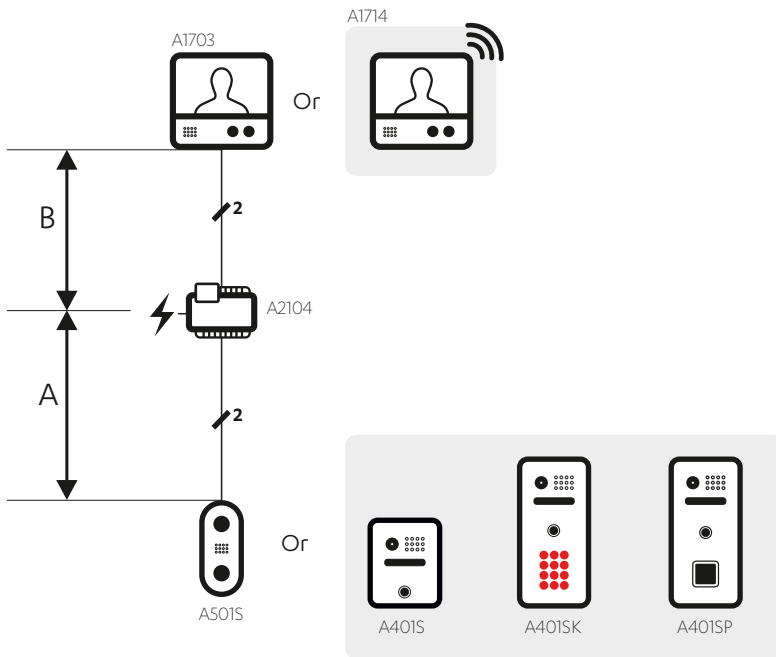
12V DC 250 mA lock output (Fail Open/ Fail Locked) or volt-free. Lock can be powered by the 12V DC power supply.



Kits



Video Kits



Monitors Options:

Choose from two 7" screen size options, a standard A1703 or A1714 Wi-Fi. The A1403 monitor has a slim design with a 4.3" screen.

You can add up to three additional monitors. No additional equipment is necessary.

Distance (Metres)

Cable Type	A	B
CAT5e Twisted Cores	40	40
Twisted Flex PVC Cable 2 x 0.75 mm ²	60	60
Twisted Flex PVC Cable 2 x 1.00 mm ²	80	70

Kit includes:	A501S	A401S	A401SK	A401SP	A1403	A1703	A1714
	A2100	A3101 A2104	A3101 A2110 A2104	A3101 A2700 A2104	4.3" Screen	7" Screen	Wi-Fi Monitor 7" Screen
A95214S	1				1		
A95217S	1					1	
A95017SW	1						1
A94017S		1				1	
A94017SW		1					1
A94017SK			1			1	
A94017SKW			1				1
A94017SP				1		1	
A94017SPW				1			1

Notes:

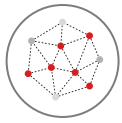
A2104 - Kit Power Supply

A2110 - Keypad Power Supply

A3101 - Camera Unit

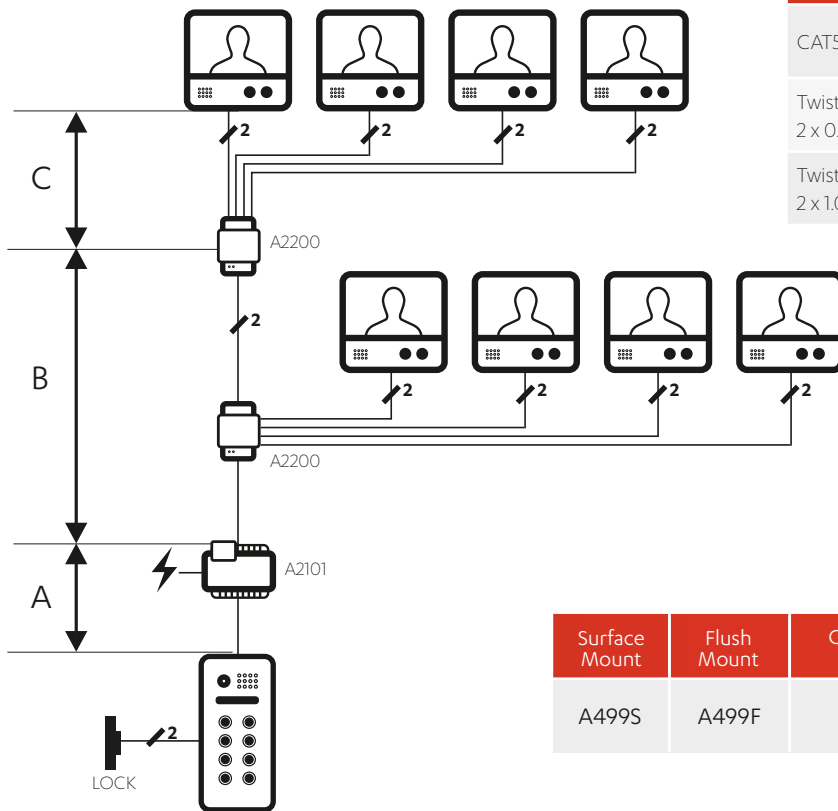
A2700 - Proximity Reader, Controller, 10 tags & Power Supply

System



Multi-Apartment System

Distance (Metres)



Cable Type	A	B	C
CAT5e Twisted Cores	40	40	30
Twisted Flex PVC Cable 2 x 0.75 mm ²	60	60	30
Twisted Flex PVC Cable 2 x 1.00 mm ²	80	70	30

Digital Call Entrance Panels

Surface Mount	Flush Mount	Camera Unit	Digital Call Keypad	Digital Display with Proximity Reader
A499S	A499F	A3101	A3202	A3203

Video Door Entry on Single Riser - with Keypad Access Control

Number of Apartments	A3101 A2110 A2101 A2200 A1703 or A1403						or	A1714
	Entrance Panel	Camera Unit	Keypad PSU	Power Supply	Distributor	Video Monitor	Wi-Fi Monitor	
1	A401SK	1	1	1		1	1	
2	A402SK	1	1	1	1	2	2	
3	A403SK	1	1	1	1	3	3	
4	A404SK	1	1	1	1	4	4	
5	A405SK	1	1	1	2	5	5	
6	A406SK	1	1	1	2	6	6	
7	A407SK	1	1	1	2	7	7	
8	A408SK	1	1	1	2	8	8	
9	A409SK	1	1	1	3	9	9*	
10	A410SK	1	1	1	3	10	10*	
11	A411SK	1	1	1	3	11	11*	
12	A412SK	1	1	1	3	12	12*	

*System with more than 8 Wi-Fi monitors, require additional A2500 and A2101 for every 8 units (max. 64).

System

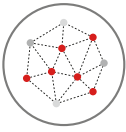
Video Door Entry on Single Riser

Number of Apartments						or	
		A3101	A2101	A2200	A1703 or A1403		A1714
	Entrance Panel	Camera Unit	Power Supply	Distributor	Video Monitor		Wi-Fi Monitor
1	A401S	1	1		1		1
2	A402S	1	1	1	2		2
3	A403S	1	1	1	3		3
4	A404S	1	1	1	4		4
5	A405S	1	1	2	5		5
6	A406S	1	1	2	6		6
7	A407S	1	1	2	7		7
8	A408S	1	1	2	8		8
9	A409S	1	1	3	9		9*
10	A410S	1	1	3	10		10*
11	A411S	1	1	3	11		11*
12	A412S	1	1	3	12		12*
13	A413S	1	1	4	13		13*
14	A414S	1	1	4	14		14*
15	A415S	1	1	4	15		15*
16	A416S	1	1	4	16		16*
17	A417S	1	1	5	17		17*
18	A418S	1	1	5	18		18*
19	A419S	1	1	5	19		19*
20	A420S	1	1	5	20		20*

Video Door Entry on Single Riser - with Proximity Access Control

Number of Apartments							or	
		A3101	A2700	A2101	A2300	A1703 or A1403		A1714
	Entrance Panel	Camera Unit	Access Control	Power Supply	Distributor	Video Monitor		Wi-Fi Monitor
1	A401SP	1	1	1		1		1
2	A402SP	1	1	1	1	2		2
3	A403SP	1	1	1	1	3		3
4	A404SP	1	1	1	1	4		4
5	A405SP	1	1	1	2	5		5
6	A406SP	1	1	1	2	6		6
7	A407SP	1	1	1	2	7		7
8	A408SP	1	1	1	2	8		8
9	A409SP	1	1	1	3	9		9*
10	A410SP	1	1	1	3	10		10*
11	A411SP	1	1	1	3	11		11*
12	A412SP	1	1	1	3	12		12*

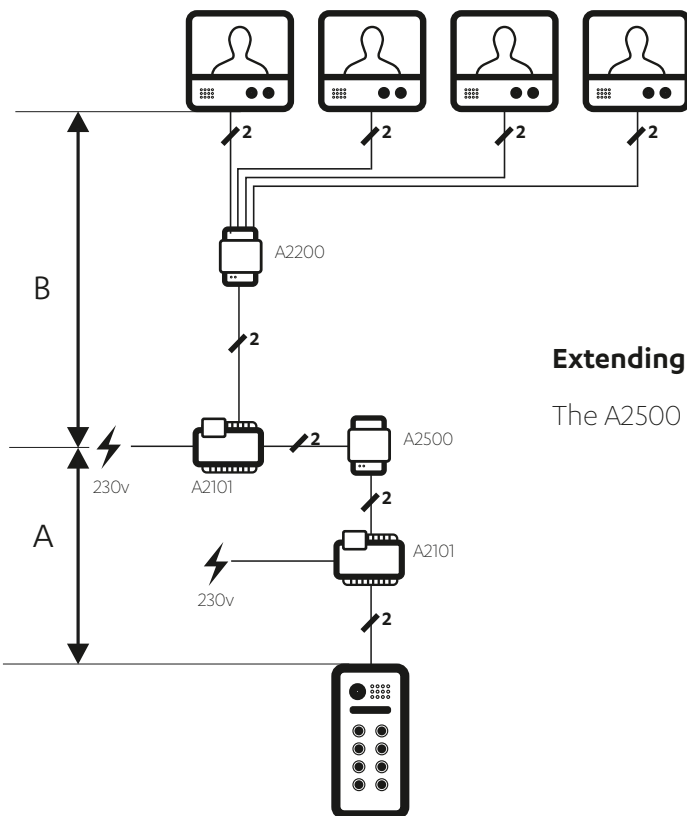
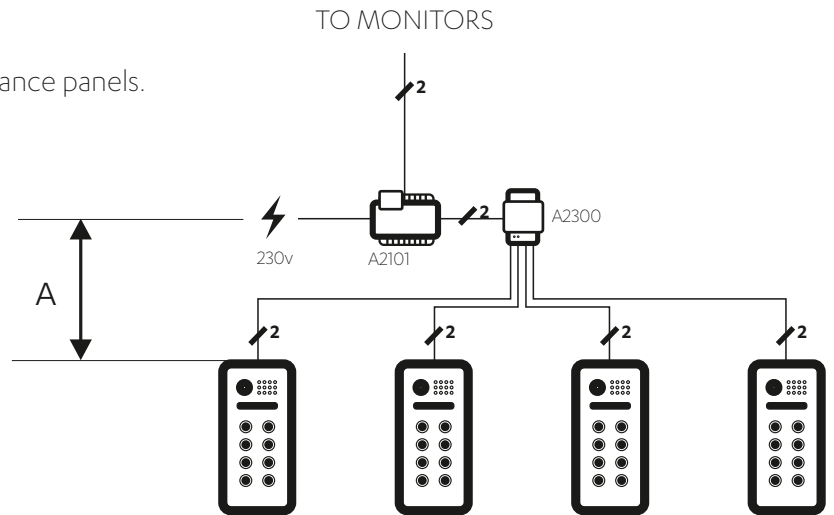
*System with more than 8 Wi-Fi monitors, require additional A2500 and A2101 for every 8 units (max. 64).



Expanding the system

Additional Entrances

The A2300 allows expansion of up to four entrance panels.



Extending Cable Distances

The A2500 boosts the cable distance in each direction.

Cable Type	Distance (Metres)	
	A	B
CAT5e Twisted Cores	60	60
Twisted Flex PVC Cable 2 x 0.75 mm ²	100	100
Twisted Flex PVC Cable 2 x 1.00 mm ²	140	140

Accessories



A2101 Bus Power Supply

- Input: 100 ~ 240 VAC
- Output: 28V DC \pm 2V rated at 1.5A
- Short-circuit, overload, and over-voltage protection
- DIN rail mountable



A2110 Keypad Power Supply

- Input: 90 ~ 264 VAC
- Output: 12V DC rated at 1.5A
- Output power: 18W
- DIN rail mountable



A2200 Video Riser Distributor

- Four outputs video amplifier
- Riser mode and Distributor mode
- Built-in short-circuit indication
- Separate isolation protection
- Automatic self-detection mechanism for recovery



A2300 Four output distributor for multiple entrances

- Status indicator
- Impedance switch
- Din rail mountable



A2400
Push-button Expander

- Used for up to eight mechanical buttons
- Maximum of four modules



A2500
BUS Amplifier

- Increases distance between first panel & expander by up to 140m
- Increases distance between last monitor & expander by up to 140m
- Status indicator
- DIN rail mountable

Power & Control devices

SKU	Height	Width	Depth	DIN
A2101	90	140	60	8
A2110	95	25	56	1
A2200	90	71	45	4
A2300	90	71	45	4
A2400	46	64	17	n/a
A2500	90	72	60	4



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