

SINGLE WAY IP SYSTEM EXAMPLE COMPONENTS



A1IPVDS Single Way IP Door Station



A1IPMW 7" HD Touch Screen Monitor



A1IPMB 7" HD Touch Screen Monitor



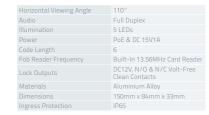
POE Switch

Discover a new range of IP PoE communication. Aperta IP kits provide a simple, stylish and reliable solution all in one box.

The outstation and monitor combine to produce; HD video, duplex audio, and ClickSmart+APP integration for video and access applications. Whilst installation is made straight forward by utilizing the latest in PoE (Power over Ethernet) technology.

- Simple IP PoE installation
- HD Video & Full Duplex Audio
- IP65 Ingress Protection
- Built in Keypad & Proximity Reader







A1IPVDS

IP PoE IP65 SingleWay Outdoor Station

- Simple IP PoE installation
- User Friendly Touch Screen GUI Monitor & Outdoor Station Included
- HD Live 7" Video & Full Duplex Audio
- Clicksmart+ APP integration with Ethernet & Wi-Fi Connectivity

A1IPT10 Pack of 10 13.56MHz Tags

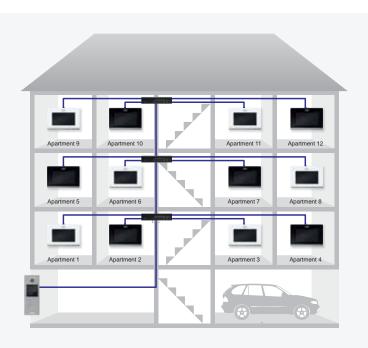


A1IPVDS	
Horizontal Viewing Angle	110°
Audio	Full Duplex
Illumination	5 LEDs
Power	PoE & DC 15V1A
Code Length	6
Fob Reader Frequency	Built-In 13.56MHz Card Reader
Lock Outputs	DC12V, N/O & N/C Volt-Free Clean Contacts
Materials	Aluminium Alloy
Dimensions	150mm x 84mm x 33mm
Ingress Protection	IP65

A1IPMW	
Display	7" TFT LCD
Audio	Full Duplex
Adjument Type	Touchscreen
Power	PoE & DC 15V1A
Storage Type	MicroSD Card (Supports up to 32GB)*
Maximum Wiring Distance	Point-to-point: 100m (CAT5e)
Materials	Polycarbonate & Aluminium
Dimensions	151mm x 226mm x 20.5mm



Black A1IPKB White A1IPKW
IP PoE Single Way Kit



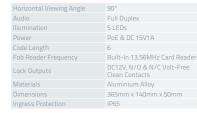
MULTI WAY IP SYSTEM EXAMPLE COMPONENTS



A flexible range of superb quality hands-free IP colour video door entry products specifically for installation in large complexes. Simplicity of installation is the key to Aperta multi way systems, with a capacity to accommodate over 200 users while maintaining high performance. The keypad multi way door station allows both apartment calling plus door unlocking by passcode, no need for 2 separate keypads.

- Simple IP PoE installation
- HD Video & Full Duplex Audio
- IP65 Ingress Protection
- Built in Keypad & Proximity Reader
- User Friendly 4" GUI Display







A1IPDSM1 IP PoE IP65 Multi Way Outdoor Station

■ Simple IP PoE installation

Adjument Type

Storage Type

Materials

Power

- HD Live 7" Video & Full Duplex Audio
- Optional Video Recordings and Playback of Callers
- User Friendly Touch Screen GUI Monitor
- Clicksmart+ APP integration with Ethernet & Wi-Fi Connectivity

PoE & DC 15V1A MicroSD Card (Supports up

Polycarbonate & Aluminium

Maximum Wiring Distance Point-to-point: 100m (CAT5e)



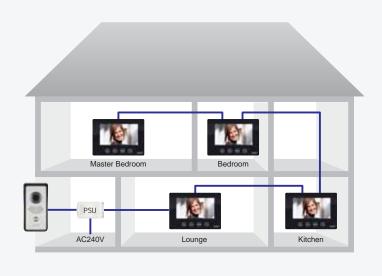
Black	A1IPMB
Black	A1IPMB

White **A1IPMW** IP PoE Monitor





Introducing the next generation of Access Control products from ESP*. The new Aperta range not only includes proximity reader systems and accessories such as magnetic door locks but also a completely new simplified and easy to install video door entry systems for both single house and multi way apartment applications.



SINGLE WAY SYSTEM EXAMPLE COMPONENTS



APDSSWKP | APDSSW Door stations



APMONW | APMONB
APMONWG | APMONBG
Colour monitors



APPOWSWDR
Combined Power Supply
& BUS Separator
(Connect up to 5 devices)

A flexible range of superb quality hands-free colour video door entry products specifically for installation in single dwellings. Simplicity of installation is the key to Aperta single way systems, requiring only 2 wires throughout and all outdoor stations and monitors powered by a single power supply.

The range includes 2 quick and easy to select base kits with options for combined keypad entry or a stylish but simple bell push outdoor station. Alternatively you can build your own system from 2 outdoor station and 4 monitor options. You really need look no further to find the ideal single way video door entry solution.





APKIT C/W White Monitor
APKITBLK C/W Black Monitor
Colour Video Door Entry System

- Simple 2 core cable installation
- Single power supply (included) supports all monitors and outdoor stations in a flexible combination of up to 5 devices
- Clear high resolution colour picture on 7" hands free TFT monitor

Station	
Image sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Power	24VDC
Operating Temp.	-20°C ~ + 40°C
Dimensions	85mm(W)x 165mm(H)x 53mm(D)
Weight	390g
Monitor	
Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	300mA
Dimensions	215mm(W)x152mm(H)x18mm(D)
Moight	450a

123 458 788 *0#

APKITKP C/W White Monitor

APKITKPBLK C/W Black Monitor

Colour Video Door Entry Keypad System

- Simple 2 core cable installation
- Single power supply (included) supports all monitors and outdoor stations in a flexible combination of up to 5 devices
- Clear high resolution colour picture on 7" hands free TFT monitor
- Outdoor station with built in keypad for code door unlocking

Station	
Image sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Power	24VDC
Operating Temp.	-20°C ~ + 40°C
Dimensions	87mm(W)x 200mm(H)x 53mm(D)
Weight	640g
Monitor	
Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	300mA
Dimensions	215mm(W)x152mm(H)x18mm(D)
Weight	450g

- Simple 2 core cable installation
- Single power supply (included) supports all monitors and outdoor stations in a flexible combination of up to 5 devices
- Clear high resolution colour picture on 7" hands free TFT monitor

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Dimensions	85mm(W)x 165mm(H)x 53mm(D
Weight	390g
Monitor	
Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	350mA
Dimensions	183mm(W)x185mm(H)x20mm(D
Weight	550g



C/W White Monitor
C/W Black Monitor
APKITG
APKITGBLK
Colour Video Door Entry System with Record Facility

- Simple 2 core cable installation
- Single power supply (included) supports all monitors and outdoor stations in a flexible combination of up to 5 devices
- Clear high resolution colour picture on 7" hands free TFT monitor
- Outdoor station with built in keypad for code door unlocking

Station	
Image sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Power	24VDC
Operating Temp.	-20°C ~ + 40°C
Dimensions	87mm(W)x 200mm(H)x 53mm(D)
Weight	640g
Monitor	
Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	350mA
Dimensions	183mm(W)x185mm(H)x20mm(D)
Woight	EE0a



C/W White Monitor APKITKPG

C/W Black Monitor APKITKPGBLK

Colour Video Door Entry Keypad System with

Record Facility





- Waterproof IP55 metal outdoor station
- High resolution colour Camera
- Built in keypad for door code unlocking
- Simple 2 core cable installation

Image Sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Viewing Angle	70°
Power	24VDC
Operating Temp.	-20°C ~ + 40°C
Dimensions	87mm(W)x 200mm(H)x 53mm(D)
Weight	640g

- Waterproof IP55 outdoor station
- High resolution colour Camera
- Simple 2 core cable installation

Image Sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Viewing Angle	70°
Power	24VDC
Operating Temp.	-20°C ~ + 40°C
Dimensions	85mm(W)x 165mm(H)x 53mm(D)
Weight	390g



APDSSW Single Way Video Door Station

APDSSWKP





- Flush mount kit for APDSMW, APDSSWKP and
- Bracket

Didence.		
Frame Dimensions	126 (W) x 244 (H)	
Mount box Dimensions	101 (W) x 210 (H) x 25 (D)	
Weight	230g	

- Single Way system component
- 24VDC/800mA power output
- Dimensions 60mm(W)x90mm(H)x110mm(L)
- Only 1 power supply per system required



APPOWSWDR Combined Power & Bus Separator Unit for Single Way System

APDSKPFMS

Flush Mount Kit





- Suitable for Single or Multi way installations
- Simple 2 core cable installation
- Clear two-way audio
- Lock release facility
- Magnetic receiver holster
- Durable white gloss casing

Handset

Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	200mA
Dimensions	78mm(W)x245mm(H)x50mm(D)
Weight	315g

- Durable white or black casing

■ Simple 2 core cable installation

■ 7" TFT screen with clear high resolution

Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	300mA
Dimensions	215mm(W)x152mm(H)x18mm(D)
Weight	450g



Black **APMONB** White **APMONW** Colour Video Door Entry Monitor





- Suitable for Single or Multi way installations
- Simple 2 core cable installation
- Clear two-way audio
- Lock release facility
- Magnetic receiver holster
- Durable black gloss casing
- Handset

Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	200mA
Dimensions	78mm(W)x245mm(H)x50mm(D)
Weight	315g

- 7" TFT screen with clear high resolution colour picture
- Simple 2 core cable installation
- On screen menu for simple system set up &
- Optional still or video recording and playback of callers (4GB SD card included)
- Durable white or black casing

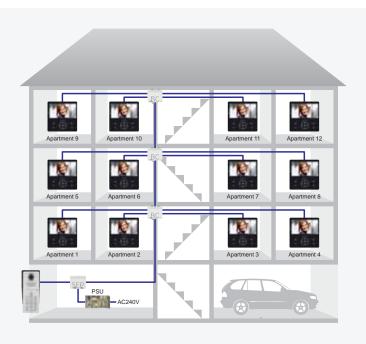
Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	350mA
Dimensions	183mm(W)x185mm(H)x20mm(D)
Weight	550g



Black **APMONBG** White **APMONWG** Colour Video Door Entry Monitor with Record Facility

APAUDHBLK Door Entry Handset





MULTI WAY SYSTEM EXAMPLE COMPONENTS







APMONW | APMONB | APMONWG | APMONBG Colour monitors



APBC4MW
Branch Controller
(A maximum of
4 monitors to
1 Branch controller)



APSEPMW
Power BUS Separator
(Connects to the System
Power Supply and
1st Branch controller)



APPOWMW System Power Supply

A flexible range of superb quality hands-free colour video door entry products specifically for installation in multiple apartments. Simplicity of installation is the key to Aperta multi way systems, supporting up to 32 apartments in one system and requiring only 2 wires throughout with all outdoor stations and monitors powered by a single power supply. The keypad multi way door station allows both apartment calling plus door unlocking by passcode, no need for 2 separate keypads.

The keypad apartment calling also means that no additional buttons or panels are required, keeping the installation simple, neat and compact. You really need look no further to find the ideal multi way door entry solution.

- Waterproof IP55 metal multi way outdoor station
- High resolution colour Camera
- Built in keypad for door calling and code unlocking
- Simple 2 core cable installation
- Supports up to 32 apartments (Address Numbers 1-32)

Image Sensor	1/3" Colour CCD
Min. Illumination	0.1 LUX
Illumination	6 LEDs
Lens	3.6mm
Viewing Angle	70°
Capacity	32 ID
Status Indication	Audio
Relay Operation	NO/NC
Working Temp.	-20°C~+40°C
Ingress Protection	IP55
Construction	Aluminium
Voltage	24VDC
Dimensions	87mm(W)x 200mm(H)x 53mm(D
Weight	640g

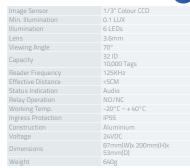


Multi Way Video Door Station APDSMW

Multi Way Video Door Station with Custom Apartment Addresses APDSMWSP1

- Waterproof IP55 metal multi way outdoor station
- High resolution colour camera
- Simple 2 core cable installation
- Supports up to 32 apartments (Address Numbers 1-32)
- Capacitive keypad for apartment calling, proximity & code unlocking
- Complete with 10 pre-registered user tags
- 10,000 user tags supported







Multi Way Video Door Station APDSPXMW
Multi Way Video Door Station with Custom Apartment Addresses APDSPXMWSP1





APPOWMW

Power Supply Unit For Multi Way System

- Multi Way system component
- 24VDC/4.2A power output
- Dimensions 100mm(W)x200mm(L)x40mm(D)
- Only 1 power supply per system required



APSEPMW

Power Bus Separator Unit For Multi Way System

- Multi Way system component
- For use with APPOWMW power supply



APBC4MW

4-Way Branch Controller For Multi Way System

- Multi Way system component
- 1 unit supports wiring to 4 apartments or 4 outdoor stations (APDSMW)

- Simple 2 core cable installation
- 7" TFT screen with clear high resolution
- Durable white or black casing

Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	300mA
Dimensions	215mm(W)x152mm(H)x18mm(D)
Weight	450g



White **APMONW** Black **APMONB** Colour Video Door Entry Monitor

- 7" TFT screen with clear high resolution colour picture
- Simple 2 core cable installation
- On screen menu for simple system set up &
- Optional still or video recording and playback of callers (4GB SD card included)
- Durable white or black casing

Power	24VDC
Installation	Surface Mounted
Operational Temp.	0°C~+40°C
Consumption	350mA
Dimensions	183mm(W)x185mm(H)x20mm(D)
Weight	550g



Black APMONBG White APMONWG Colour Video Door Entry Monitor with Record Facility





APKITAO Audio Door Entry System

- Two-wire connection
- Durable/Weatherproof door station
- Clear 2 Way audio
- Lock release option
- Wiring distance up to 100 meters
- Easy DIY installation

Input range	DC12V
Output power	<=0.6W
Working current	<=50mA
Dimension	215mm x 85mm x 60mm

	Call Point			
	Input range	DC12V		
	Output power	<=0.6W		
	Working current	<=50mA		
	IP rating	55		
	Dimension	150mm x 65mm x 50mm		



■ 170° Wide Angle Camera View

■ Full 2K (4MP) Live View & Recording

■ Motion or Human Activated Video Record

Clear Two–Way Audio

Supplied with Angle Bracket Kit

 Supports Alexa Dot Door Chime function and Mechanical Bell Converter

■ IP65 Rated Ingress Protection

Operates on 2.4GHz, 5 GHz Wi-Fi & Ethernet Network Connection

■ Operating Temperature: -20 ~ +60°C

Sensor Size	1/1.9"
Lens	Field of View 170°
Resolution	1440p
Audio	Full Duplex
IR LED	5pcs
IR distance	5 Meters
Memory	128GB Max (8GB Supplied)
Construction	Polycarbonate
Ingress Protection	IP65
Connection	2.4GHz & 5GHz Wi-Fi
System Range	150 Meters to RFChime
Interface	Ethernet (VIA USB-C)
Power	8~24VAC or 5~30VDC
Weight	125g
Operating Temperature	-20°C ~ 60°C
Dimensions	115mm x 45mm x 25mm



Wired 2K Wi-Fi Video Door Station with Record Facility



APKITAOH Additional APKITAOH Audio Handset

Handset	
Input range	DC12V
Output power	<=0.6W
Working current	<=50mA
Dimension	215mm x 85mm x 60mm

ı	Lasy Install, simple self-contained
	programming

- Up to 1,010 key tag holders or Pin numbers
- 2 separate user groups
- 2 relay outputs
- Anti tamper option
- Weather/dust proof robust construction IP65
- Complete with 10 tags

EZT3ST10 Additional Proximity Tags (10 Pack)



Capacity	Zone 1 : 1000 Card/ Tag Combination Zone 2 : 10 Card/ Tag Combination
Reader Frequency	125KHz
Effective Distance	<5CM
Status Indication	Red/ Green LED
Relay Operation	NO/NC: 4A@30vDC
Relay Duration	01-99sec
Working Temp.	-10 to +55°C
Ingress Protection	IP65
Construction	Aluminium
Voltage	DC: 12V-24V AC: 12V~24V
Working Current	<120mA
Standby Current	<90mA
Dimensions	150(H)x43(W)x23(D)



Silver **EZTAG3** Black EZTAG3B Proximity and Keypad Door Entry



- EZTAG3 IP65 Proximity Door Entry Keypad
- EZT3ST10 Proximity Tags
- A1ML250 Aperta Internal IP20 250kg Holding Force Magnetic Lock with Lock Status LED & Contact c/w Z & L Bracket
- EVBPSBB Boxed Power Supply
- A1EXIT Aperta Flush Stainless Steel Exit button
- A1ECP Aperta Green Internal Emergency Call

Complete entry system in one box comprising of:

- EZTAG3 IP65 Proximity Door Entry Keypad
 - EZT3ST10 Proximity Tags
 - A1ML250 Aperta Internal IP20 250kg Holding Force Magnetic Lock with Lock Status LED & Contact c/w Z & L Bracket

Complete entry system in one box comprising of:

- EVBPSBB Boxed Power Supply
- EVEXITC Contactless Exit Button
- A1ECP Aperta Green Internal Emergency Call Point



EZT3KC Silver **EZT3KCB** Black Aperta Single Door Internal Keypad Kit

EZT3K Silver **EZT3KB** Black Aperta Single Door Internal Keypad Kit

Complete entry system in one box comprising of:

- EZTAG3 IP65 Proximity Door Entry Keypad
- EZT3ST10 Proximity Tags
- A1ML250 Aperta Internal IP20 250kg Holding Force Magnetic Lock with Lock Status LED & Contact c/w Z & L Bracket
- EVBPSBB Boxed Power Supply
- EVEXITM Push to Exit Mushroom Button
- A1ECP Aperta Green Internal Emergency Call Point

Complete entry system in one box comprising of:

- EZTAG3 IP65 Proximity Door Entry Keypad
- EZT3ST10 Proximity Tags
- A1ML300XT Aperta External IP68 300kg Holding Force Magnetic Lock c/w Z & L Bracket
- EVBPSBB Boxed Power Supply
- EVEXITMIP55 IP55 Exit Button
- EVEBGEXT2 IP67 Green Emergency Call Point



EZT3KXT Silver EZT3KXTB Black Aperta Single Door External Keypad Kit



EZT3KM Silver EZT3KMB Black Aperta Single Door Internal Keypad Kit





Assistance Alarm Surface Mount Box

A1EXIT Aperta Flush Exit Button

- Stainless Steel Exit Button
- Supports Both Normally Open & Normally Closed Installation
- Clear Wording
- Stainless steel fascia (Surface mount box part code:



UDTASMBSS Assistance Alarm Surface Mount Box

EVEXITM

Push to Exit Mushroom Release Button

- Large mushroom exit button
- Normally open & closed contacts
- Clear wording
- Stainless steel fascia (Surface mount box part code: UDTASMBSS)
- **87.5** x 87.5 x 35mm
- 173g



Assistance Alarm Surface Mount Box

EVEXITC

Contactless Exit Button

- Contactless Exit Button
- Normally Open & Closed Contacts
- Worded 'Exit" & 'No Touch"
- DC12V Input
- 12-28V, 3A Rated Contact
- Stainless steel fascia (Surface mount box part code:
- 86mm x 86mm x 29mm
- 0.25kg



EVEXITMIP55

Push to Exit Mushroom Release Button IP55

- Large mushroom exit button
- IP55 Ingress protection
- Normally open & closed contacts
- Clear wording
- Robust housing (Includes surface mount box)
- 85m x 80mm x 85mm
- **200g**



EVTR

Trades Button

- Stainless Steel Trades Entrance Button
- IP66 Ingress Protected Push Button
- Normally Open & Closed Contacts (Timer Supplied Separately)
- Clear Wording
- Single Gang Fascia Including Surface Mount Box and Security Screws
- 88 x 88 x 43mm (inc. Surface box)
- 315g



A1ECP

Aperta Internal Green Call Point

- RAL6016 Green Emergency Call Point
- Resettable Frangible Element
- DPDT Relays Included
- Clear Wording
- Flush or Surface Mount (Surface Backbox Included)

A1ECPKEY Pack of 5 Keys for A1ECP A1ECPCVR Pack of 5 Covers for A1ECP



Trades Button with Timer

Stainless Steel Trades Entrance Button with DIN Timer

TRADES

- IP66 Ingress Protected Push Button
- DIN Timer (Sangamo part: 71111)
- Normally Open & Closed Contacts
- Clear Wording
- Single Gang Fascia Including Surface Mount Box and Security Screws



EVEBGEXT2

Callpoint DPDT IP67 Green

- Surface Mounted
- Green Emergency Call Point to Release Door
- IP67 Ingress Protected Weather Resistant
- Normally Open & Normally Closed
- 3 x 20mm Knockouts

EVEBGEXT2KEY Callpoint DPDT IP67 Green Keys





EVBPSBB

Boxed Power Supply

- 100-240vAC, 50/60Hz input
- 1.5A /12vDC fail safe/secure output
- 1A 12vDC output
- Backup battery facility (Requires Battery)
- Size: 129 x 73 x 50mm LWD



BAT7

12V - 7.0ah SLA Battery

■ Back up battery for EVBPSBB, MAG2P, MAG2, MAG4P and MAG4



A1ML250

Aperta 250kg Internal Maglock

- Holding Force 250kg
- Z & L Mounting Brackets Included
- Supports both 12 & 24 V DC Operating Voltage
- Fail Safe



A1ML250ZL

Z&L Bracket for A1ML250

■ Replacement Z & L Brackets for use with A1ML250



A1SL

Aperta Flush Strike Lock

- Holding Force 400kg
- 240mA 12V DC Input
- For use with Yale Type Rim Locks
- Fail Secure
- Surface Mount Version Available



A1SLS

Aperta Surface Strike Lock

- Holding Force 400kg
- 240mA 12V DC Input
- For use with Yale Type Surface Locks
- Fail Secure
- Flush Mount Version Available



EV-ML-250ZLB

Z&L Bracket for EV-ML-250

■ Spare Z and L bracket for EV-ML-250



A1ML300XT

Aperta 300kg External Maglock

- IP68 Weather Resistant External Lock
- Holding Force 300kg
- Z & L Mounting Brackets Included
- Supports both 12 & 24 V DC Operating Voltage
- Fail Safe