



aperta™ | ACCESS CONTROL

A complete and flexible range of superb quality video door entry equipment. Simple installation and high performance in colour – with the option of call points with integral PIN access – means you need look no further to find the ideal video door entry solution.



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.

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.

SINGLE WAY SYSTEM EXAMPLE COMPONENTS



APDSSW | APDSSWKP
Door stations



APMONW | APMONB
APMONWG | APMONBG
Colour monitors



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





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)
Weight	450g



APKITKP C/W White Monitor **APKITKPBK 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



APKITG C/W White Monitor **APKITGBLK** C/W Black Monitor
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 white 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	350mA
Dimensions	183mm(W)x185mm(H)x20mm(D)
Weight	550g



APKITKPG C/W White Monitor **APKITKPGBLK** C/W Black Monitor
Colour Video Door Entry Keypad 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 white 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)
Weight	550g



APDSSWKP

Singleway Video Door Station with Keypad

- 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



APDSKPFMS

Flush Mount Kit

- Flush mount kit for APDSMW and APDSSWKP

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



APDSSW

Singleway Video Door Station

- 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



APPOWSWDR

Combined Power & Bus Separator Unit for Singleway System

- Single Way system component
- 24VDC/800mAh power output
- Dimensions 90mm(W)x60mm(H)x105mm(L)
- Only 1 power supply per system required



APAUDH
Door Entry Handset

- 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



APAUDHBLK
Door Entry Handset

- 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



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

- Simple 2 core cable installation
- 7" TFT screen with clear high resolution colour picture
- 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



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

- 7" TFT screen with clear high resolution colour picture
- Simple 2 core cable installation
- On screen menu for simple system set up & customisation
- 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

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.

MULTI WAY SYSTEM EXAMPLE COMPONENTS



APDSMW
Multiway door station



APMONW | APMONB | APMONWG | APMONBG
Colour monitors



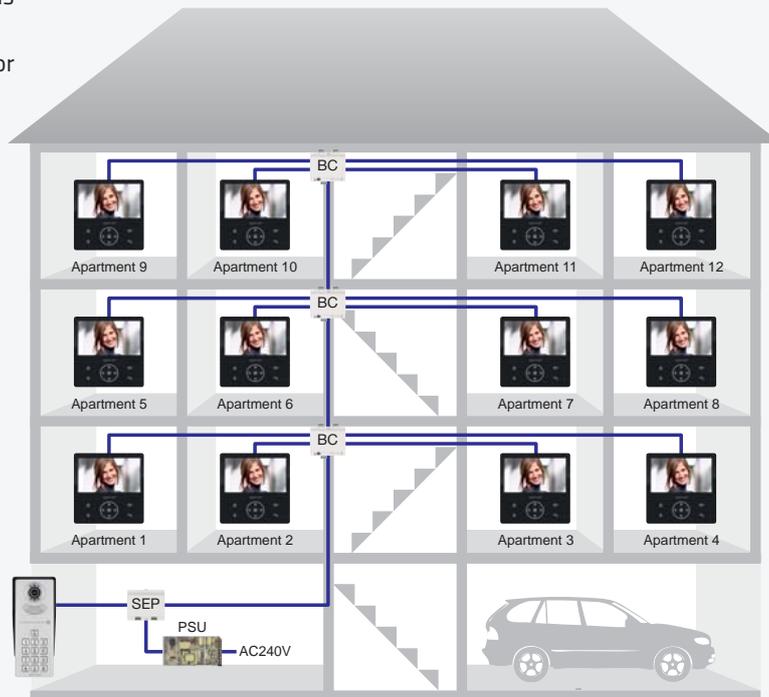
APBC4MW
Branch Controller
(A maximum of 4 monitors to 1 Branch controller)



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



APPOWMW
System Power Supply





APDSMW

MultiWay Video Door Station

- Waterproof IP55 metal multiway 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

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



APDSKPFMS

Flush Mount Kit

- Flush mount kit for APDSMW and APDSSWKP

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



APPOWMW

Power Supply Unit
For MultiWay 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 MultiWay System

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



APBC4MW

4-Way Branch Controller
For MultiWay System

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



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

- Simple 2 core cable installation
- 7" TFT screen with clear high resolution colour picture
- 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



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

- 7" TFT screen with clear high resolution colour picture
- Simple 2 core cable installation
- On screen menu for simple system set up & customisation
- 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



APWIFIDS Silver | APWIFIDSBLK Black Wi-Fi Door Station with Record Facility

- Alerts user to visitors via APP
- 720P High Definition colour image
- Clear 2 way audio
- Visitor record function
- Lock release facility
- Infra-red LEDs for low light use
- Robust metal housing
- Weatherproof
- Tamper alarm protection
- Hardwired bell chime output

Sensor Size	1/4"
Lens	Fixed 2.1mm
Resolution	720p
Audio	Full Duplex
Memory	Internal 8GB
Sensitivity	0Lux (IR ON) / 0.5Lux (normal)
IR LED	4 x 4
IR distance	<2 Meters
Wi-Fi Antenna	10DB
Power	DC 12V 500mA
Weight	400g
Working temperature	-20° ~ 50°
Dimensions	L55 x W40 x H129mm



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

Handset

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

APKITAOH Additional APKITAOH Audio Handset



EZTAG3

Proximity and Keypad Door Entry

- Easy 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
- Complete with 10 tags

EZT3ST10 Additional Proximity Tags (10 Pack)

Working Temp.	-10 ~ +55°C
Voltage	DC: 12V-24V AC: 12V-24V
Working Current	<120mA
Standby Current	<90mA
Card Mode	ID / IC card
Reader Frequency	125KHz
Effective Distance	<5CM
Capacity	1010 Cards or Fobs



EZTAG3PRO

Proximity and Keypad Door Entry Kit

Complete entry system in one box comprising of:

- EZ-TAG3 Proximity Door Entry
- EVML-250 Electromagnetic Lock
- EVBPSBB Boxed power supply
- EV-EXIT Push to Exit Button
- EV-EBG Emergency Break Glass



ENTERD
Electronic Lock

- Holding force 295kg/650lbs
- 160ma 12vdc input
- For use with Yale type rim locks
- Surface mounting version available
- Fail Secure
- Dimensions - 28.5 x 31 x 160mm
NB. Requires EVBPSBB power supply



EV-ML-250
Electromagnetic Lock

- Holding force 250kg/550lbs max
- Z & L mounting bracket included
- Dual voltage 12 & 24 VDC
- Fail safe
- Dimensions excl. bracket - 250 x 26 x 41mm
NB. Requires EVBPSBB power supply



ENTERD-YLR
Surface Electronic Lock

- Holding force 295kg/650lbs
- 160ma 12vdc input
- For use with Yale type surface locks
- Flush mounting version available
- Fail Secure
NB. Requires EVBPSBB power supply



EV-ML-500XT
Electromagnetic Lock

- IP67 rated weather resistant external lock
- Holding force 500kg/1200lbs max
- Z & L mounting bracket included
- Dual voltage 12 & 24 VDC
- Fail safe
- Dimensions excl. bracket - 220 x 42 x 62mm
NB. Requires EVBPSBB power supply



EV-EXIT
Push to Exit Release
Button

- Stainless steel fascia
- Flush mounting
- Push to make contacts



EVBPSBB
Boxed Power Supply

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



EV-EBG
Emergency Break Glass

- Surface mounted
- Emergency break glass to release door

EV-EBG-KEY Pack of 5 keys for EV-EBG



BAT7
12V - 7.0AH SLA BATTERY

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