



Professional access control.

Professional Series: Scalable IP access controllers for home & business

VIP Vision Access Controllers are the central component for your access control system. Take full control with user management, event logs, access period scheduling, alarm functions, CCTV integration and much more.

- Store up to 100,000 valid cards & 150,000 records
- Supports RFID card, fingerprint and keycode
- TCP/IP network interface for configuration via PC
- RS485 & Wiegand 34 communication protocols
- Door time-out, intrusion, duress and tamper alarms
- Anti-passback, multi-door interlock, multi-card open
- Support 128 efficient time and holiday schedules
- Watchdog timer to prevent system malfunctions
- Sturdy wall-mounted metal casing (*ACCON-2P only*)
- Backup battery extension (*Sold separately*)



Managed Access Control



Up to 32 Devices Per Controller



Configure via Smart PSS

Centrally managed.

Take control with powerful & free organisational tools.

The free VIP Vision SmartPSS PC application serves as the management platform for your access control system. It includes a range of professional access control tools, and it facilitates CCTV surveillance integration.

- Configure users, departments & user access rights
- Photo ID and card / fingerprint enrolment hub
- View & import/export comprehensive attendance records & alarm logs (intrusion, unclosed door, etc.)



Feature rich access.

Scalable & customisable professional access control.

VIP Vision access control delivers security from small to large premises. Cascade up to 255 slave controllers for over 2000 total door capacity. Precisely define access use with a range of customisation options, including:

- Set first unlock card before granting access to others
- Inter-door unlock & multi-door interlock prevents simultaneous door access in clean rooms, airlocks, etc.
- Anti-passback to prevent shared or stolen access to high security areas, eg: secure parking lots
- Door timeout warning to prevent tailgating
- Duress cards in case of emergency

Video verification.

Integrate professional surveillance to your access control.

Verify legitimate access use by integrating VIP Vision CCTV surveillance alongside your access control system. VIP Vision SmartPSS offers combined use of CCTV & access control, enabling real-time monitoring and linked video to access control alarm events.

- Integrate CCTV surveillance systems on the same network as your access control system
- Link CCTV video surveillance to access alarm events including tamper, intrusion, door unclosed, duress alarm and blacklist events



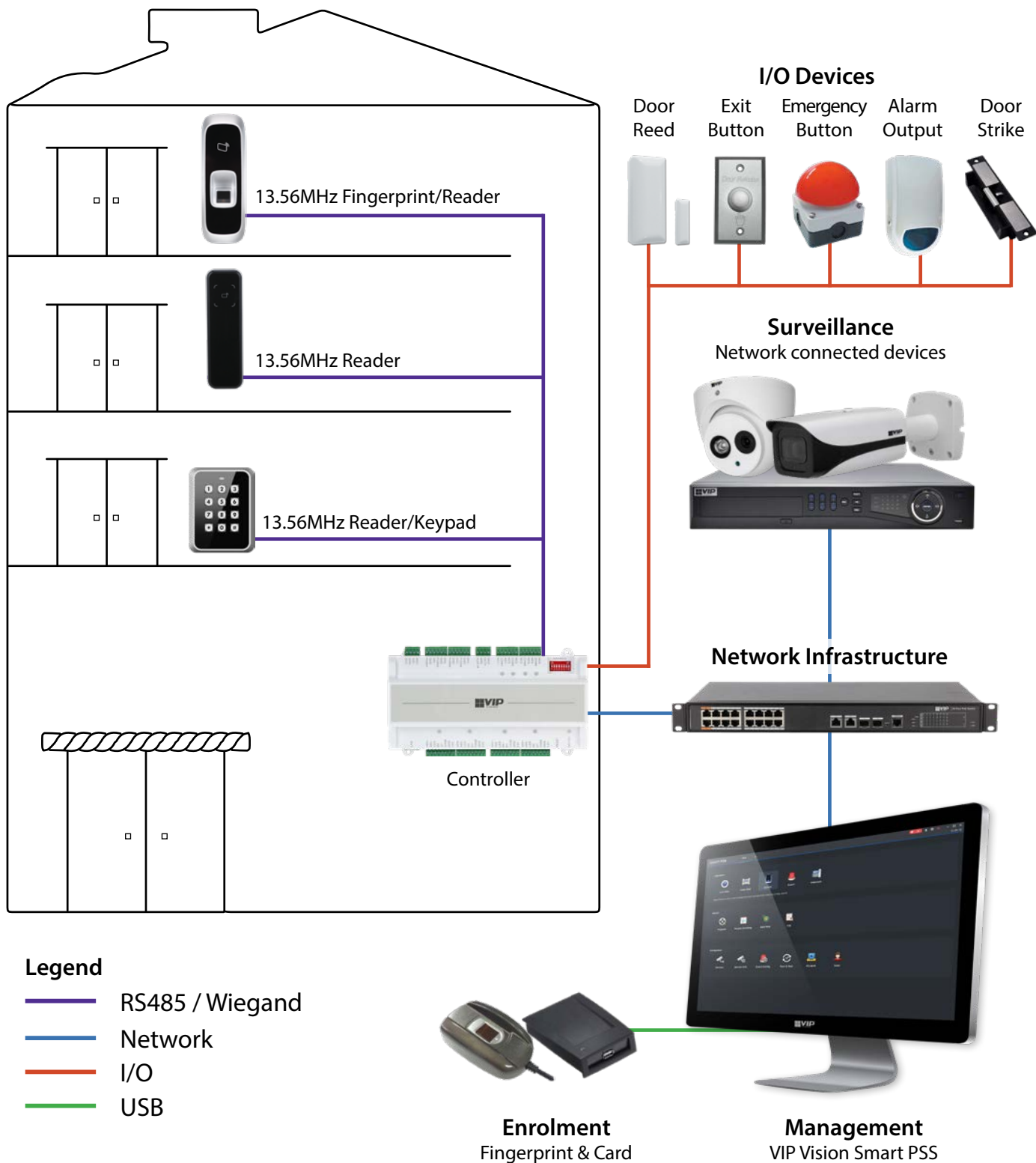
Access Controllers | Series Specifications

Model	ACCON-2P22	ACCON-2P41	ACCON-2P42	ACCON-2P81	ACCON-2C41
Image					
Name	2 Door Two-way Access Control Panel	4 Door Access Control Panel	4 Door Two-way Access Control Panel	8 Door Access Control Panel	4 Door Access Controller
Input Ports	8 (2 x door sensor; 2 x exit button; 4 x alarm input)	9 (4 x door sensor; 4 x exit button; 1 x alarm input)	20 (4 x lock state; 4 x door sensor; 4 x exit button; 8 x alarm input)	20 (8 x door sensor; 8 x exit button; 4 x alarm input)	9 (4 x door sensor; 4 x exit button; 1 x alarm)
Output Ports	4 (2 x door lock, 2 x alarm output)	5 (4 x door lock, 1 x alarm output)	12 (4 x door lock; 4 x internal alarm; 4 x external alarm out)	12 (8 x door lock, 4 x alarm output)	5 (4 x door lock, 1 x alarm)
Main Processor	32 Bit				
Memory	16MB				
Reader Ports	4	4	8	8	4
Card Memory	100,000				
Event Memory	150,000				
Access Control	Anti-pass back, Multi-interlock, Multi-card unlock				
User Management	General, VIP, Guest, Patrol, Blacklist, Duress				
Alarm Function	Door time-out, Intrusion, Tamper, Duress				
Period	Support 128 groups of schedules, 128 groups of periods and 128 groups of holiday periods				
Ethernet	RJ-45 (10/100Base-T)				
Reader Interface	RS485 / Wiegand 34				
RTC	Yes				
Battery Backup	12VDC 7Ah Battery / UPS (Sold Separately)				UPS (Sold Separately)
Battery Up-Time (Stand-by)	Electric Door Strikes: 20hrs (2 doors) / 11hrs (4 doors) / 6hrs (8 doors) * Uses 12VDC7Ah Lead Acid Battery. Figures are calculated estimates and are for reference only. Actual installation results may vary				N/A
Power Supply	240VAC				9~15VDC / 500mA
Operating Conditions	-30° ~ +60° C / Less than 95% RH				
Housing	Metal				
Dimensions	266 x 290 x 87mm		270 x 330 x 90mm	280 x 320 x 114mm	210mm x 116mm x 51mm
Net Weight	2.0kg				0.5kg
Dimensions (ACCON-2P22, ACCON-2P41 and ACCON-2C41 shown)					
Detail (ACCON-2P22, ACCON-2P42 and ACCON-2C41 shown)					

Access Controllers | System Map

VIP Vision Access Control systems integrate door control, user management, real-time video and time attendance. The all-in-one system can be customised to meet the needs of small to large businesses.

See an example system architecture below, with optional CCTV and alarm integration.



Legend

- RS485 / Wiegand
- Network
- I/O
- USB

Enrolment
Fingerprint & Card

Management
VIP Vision Smart PSS