IP-AK2 WEB-BASED
ACCESS CONTROL SOLUTION

The new generation Honeywell lP-AK2 is 2-door web-based access control panel designed to provide easy-to-use and

cost-effective solution to meet the requirements of all entry-level applications. The system's built-in web server allows users to use a standard Web browser to manage, control, and monitor the access control system from

anywhere an Internet connection is available. This brings users with simplicity, flexibility, and cost-effectiveness without sacrificing the performance of access control.

Simple   Cost Effective   Reliable

WHERE BEST APPLIED?

All small to medium-sized businesses like
- Commercial Offices
- Retail Establishments
- Convenient Stores
- Educational Institutions
- Hospitals and Clinics

FEATURES

System Overview
- 2-doors controller, expandable up to 20 doors over RS485 network
- Embedded Web server
- 32-bit ARM9 processor
- Onboard 1/0: 2 readers; 8 supervised inputs; and 4 relay outputs
- Flash programming for firmware revision updates
- Anti-passback capability, hard and soft
- Two-door interlock supported
- Real time clock

System Capacities
- Cardholders: 10,000
- Transaction storage: 25,000 alarms and events

- 127 -nme Zones and 255 Holidays
- 128 Access Level
- Card format compatibility: 128 typess of Wiegand format support
- Credential facility codes: 8

Database and Database Maintenance
- Built-in SOL Lite Database
- Manual backup of system database to local client PC
- Alarm & Event database auto backup

Communication
- Onboard Ethernet port connected to TCP/IP network as master panel
- Onboard RS485 connection for downstream panels

Certification and Approvals
- CE/FCC/C-Tick/KCC

Web Brower
- Standard web browser e.g. Internet Explore or Firefox
- Complete system configuration from Web Interface
- Live event and alarm monitoring
- Visualized viewing of door status and real-time manual control of locks and other devices

- Card report
- Alarm & Event report
- Detailed report generator
- 128-bit SSL browser login encryption
- Up to 6 users to log in simultaneously

Language
- Multi-languages supported
- Currently available in English, Simplified Chinese, Traditional Chinese, and Korean

Dimensions
- Boards: 152mm W x 229mm H
- Enclosure: 340mm H X 290mm W X 78mm D

Power Requirements
- Power Supply: 220VAC (11 0VAC) to 12 VDC transformer
- Battery Backup: 12 VDC, 3.2 AHr sealed lead-acid battery

Environment
- Temperature: 0°C to 50°C for operating, -55°C to +85°C for storage
- Humidity: 5% to 85% RHNC

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BENEFITS

Simple

Easy-to-Install
- No software to install.
- Simply connect a TCP/IP network cable from IP-AK2 control panel to a computer and then use standard web browser for access control.

Easy-to-Operate
- Built-in web server allows system control from anywhere an Internet connection is available.
- Intuitive interfaces of web browser minimizes training requirements and learning curves for configuration and operation.
- Visualized door status viewing provides operator a complete picture of each devices and easy real-time manual control.
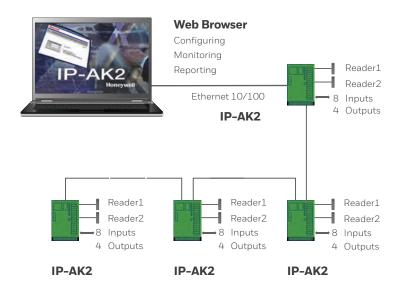
Easy-to-Maintain
- No software-related issues to troubleshoot.
- Internet connection allows remote diagnostics from installers for easy maintenance.
- Flash memory allows convenient upgrades from website.

Web Browser
Configuring
Monitoring
Reporting

Ethernet 10/100

IP-AK2

Reader1
Reader2
8 Inputs
4 Outputs

IP-AK2
Reader1
Reader2
8 Inputs
4 Outputs

IP-AK2
Reader1
Reader2
8 Inputs
4 Outputs

IP-AK2
Reader1
Reader2
8 Inputs
4 Outputs

Reliable

- State-of-the-art technology from an industrial leader in Security industry.
- Powerful 32-bit processor and built-in SOL Lite database ensure fast and reliable processing not usually found in an entry-level product.
- 128-bit SSL browser log in encryption.
- Database and configuration archiving support.

Cost Effective

- No need to purchase additional IT infrastructures.
- No need to purchase software upgrade fee, leading to long-term cost saving.
- The nature of simplicity reduces overall cost of ownership.

Ordering Information

Part Number	Description
IP-AK2	IP-AK2 Control Panel only
DMCH01186579	Universal Cabinet for one PCB of IP-AK2 DOES NOT INCLUDE PSU
PSU-12RDC2-BCDUPS	Power Supply 12V DC , 2.5 Amp (1.5 A Load current , 1 A Battery Charging Current with UPS feature , only to be used each with DMCH01186579)

Why Web-Based Access Control?

- NO dedicated PC or server required
- NO software required
- NO particular operating system required
- NO software upgrades required
- NO virus checking required

For more information,

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