

Designing for
Commercial Security

AIPHONE[®]
Leading the Way

Communication Video Surveillance Solutions



Building Security.



Aiphone is the logical choice for creating a functional security system in commercial environments.

Our wide range of products and design options help you meet your security needs.

Aiphone Corporation is committed to supplying quality products and services, and to being a reliable business partner. - ISO 9001:2000 Quality Statement

Aiphone: More Choices and Proven Reliability

When it comes to designing a functional and effective communication or security system for commercial applications, Aiphone is the choice. Whether you are looking to enhance an existing system or seeking a solution to a problem, Aiphone's extensive range of products and design options will help you achieve your security goals. For more information, visit our website at www.aiphone.com/commercial.htm and discover how easy it is to create the perfect system for your application with our unique QuikSpec™ System Design program.

Entrances



PROTECT

a facility entrance with user-friendly card access security systems. Aiphone has a wide variety of intercom systems, including audio only, audio/video monitoring, PanTilt Cameras, and black and white or color video systems, geared for entry access and communication.

Suggested Systems

- AX Series Integrated Audio/Video Security
- JF Series Hands-free Color Video
- GH Series Multi-Tenant Entry Security
- JA Series Hands-free Color Video with PanTilt
- KB Series Video Sentry Color Tilt
- MK Series Black & White Video Sentry
- IP-EWST IP Addressable Intercom Adaptor
- LEF Audio Open Voice Selective Call Systems
- LEM-1DL Access Sentry



AX Series Integrated Audio/Video Security with Embedded HID® ProxPoint Plus® Card Readers

CONTROL

internal office communications on a day-to-day basis. Aiphone has a number of products featuring open voice or handset intercoms with paging and door release to work alongside existing telephone systems.

Suggested Systems

- AX Series Integrated Audio/Video Security
- AN-8000 IP Network Intercom
- LEF Audio Open Voice Selective Call Systems
- TD-H/B Audio Selective Call Intercom



AN-8000 IP Network Intercom

Systems for Every Application

Aiphone provides commercial security products that are unrivaled in design simplicity, technical excellence, and reliability. Featuring intercoms with door release, sophisticated video entry security, and complex microprocessor-based systems, Aiphone has over 30 standard systems to create the perfect communications application for commercial use. Aiphone is the first and only intercom manufacturer worldwide to receive the coveted Deming Prize for quality control, as well as ISO 9001:2000 and ISO-14001 certification.

Garages



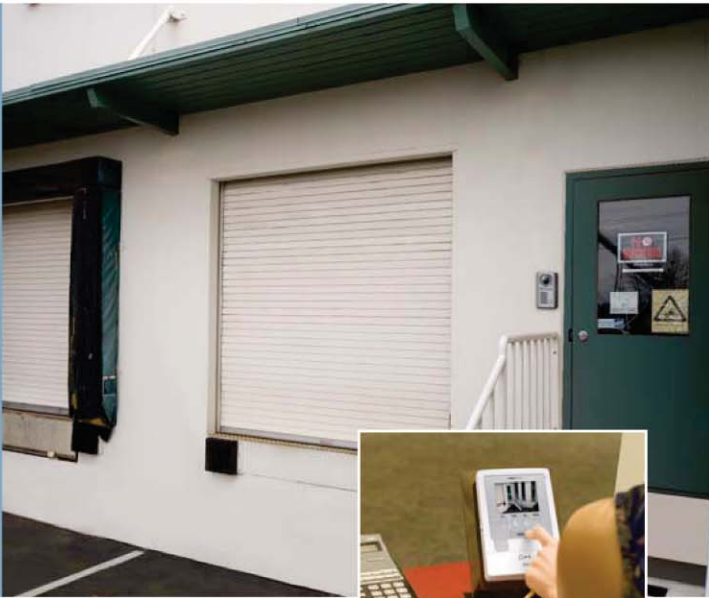
SECURE

parking structures with Aiphone. Cover stairwell emergency evacuation areas with voice-enabled help stations, incorporate into garage CCTV systems, provide gate access communication, and connect elevator passengers to a security control center or lobby area.

Suggested Systems

AX Series Integrated Audio/Video Security
AI-900 Integrated Communication & Security
AN-8000 IP Network Intercom
NEM Lamp Memory Intercom
NDR Lamp Memory Security Intercom
NDRM Rack Mount Security Intercom

Deliveries



MONITOR

deliveries at shipping bays, loading dock and delivery areas using secured access communications. Employees can see, hear, and approve access with Aiphone's industrial grade products and video and voice monitoring intercom systems.

Suggested Systems

AX Series Integrated Audio/Video Security
JF Series Hands-free Color Video
AN-8000 IP Network Intercom
KB Series Video Sentry Color Tilt
MK Series Black & White Video Sentry
IP-EWST IP Addressable Intercom Adaptor
LEF Audio Open Voice Selective Call Systems
LEM-1DL Access Sentry



AI-900 Integrated Communication & Security



JF Series Hands-free Color Video

System Features

AX Series - Integrated Audio & Video Security

- Quick and easy installation
- CAT-5e cabling throughout the system
- 8 masters and 120 remotes stations
- Two talk channels, push-to-talk, or VOX operation
- Composite video output from CEU and video master station
- Electronic access control and CCTV integration
- Selective remote control (e.g. door release)
- PC programmable with a large variety of settings
- Scan monitoring of selected remote stations
- Selective calling to any master or remote station
- All Call to master stations
- Headset input for communication
- Footswitch input for push-to-talk operation

AI-900 Series - Integrated Communication & Security

- Flexible All-modular construction
- Expansion options using interface cards
- Sub-to-master communication by voice switch or push-to-talk activated talk-back, master-to-master by full-duplex handsets
- Different sub stations for specific installation conditions
- Standard 25V speaker and call button can be used as an optional sub station (with AI-CP170)
- Basic conversation plus full range of exchange functions
- Efficient voice recording at each master station
- Used in combination with CCTV, access control, emergency broadcast systems, or other security equipment

AN-8000 Series - IP Network Intercom

- Network-based intercom system consisting of an exchange unit and dedicated master and door stations
- Single exchange can connect any combination of door and master stations up to sixteen units
- Up to 80 exchanges can be included on a system for a total of 1280 communication devices
- IP Direct master station (AN-8500MS) and vandal resistant door station (AN-8540DS), connect directly to a LAN/WAN and do not require an exchange unit
- Efficient method of communicating over local or wide area network using existing infrastructure
- Full compliment of PC Programmable functions and features
- Automatic echo cancellation prevents clipping and ghosting during hands-free simultaneous conversation
- Stations allow paging through the units
- 7kHz* communication frequency provides better clarity than most telephones.
- System occupies a very low amount of bandwidth

*network status may cause audio quality to temporarily deteriorate to 3.4 kHz

IP-EWST - IP Addressable Intercom Adaptor

- Talk to and open your door from PC
- Unlimited number of doors to 1 PC
- Easy to use software included
- Call-in alerts PC user
- Customizable message heard at the door upon call-in
- Manual or fail-forward to back-up PC (up to 3)

JA Series - Hands-free Color Video with PanTilt

- Quick and easy installation
- Two color PanTilt camera door stations and three inside monitor stations
- CCTV camera using JAW-AZ adaptor
- Motion-sensor camera for monitoring (video and 1-way audio) with JDW-C
- Hands-free communication, voice operated exchange (VOX)
- All monitors turn on when camera station calls in
- Push-to-talk operation can override VOX if necessary
- All Call between inside stations
- Two door release contacts for selective control
- Built-in picture memory (JA-2MECD only)
- Transfer of door station calls to other inside stations
- White LED illuminator turns on in low-light conditions
- Optional footswitch and manual talk switch input

JF Series - Hands-free Color Video

- Quick and easy installation
- No handset to pick up
- High resolution color TFT monitor
- Push-to-talk or VOX operation
- Includes single N/O door release contact
- Video door station can be monitored from inside
- Video output via supplied connector (JF-2MED)
- All monitors turn on when camera station calls in
- Video door stations with embedded HID® ProxPoint® Plus proximity card reader or HID® iClass™ Smart Card reader
- Leave a voice memo to replay at inside stations (JF-2MED)
- Ability to send a pre-recorded entrance message when called (JF-2MED)
- 8-Frame image sequence is recorded when a visitor calls (JF-2MED)

KB Series - Video Sentry Color Tilt

- Quick and easy installation
- Up to three tilt door cameras and five interior stations
- Wide-angle door camera tilts to increase viewing area
- 4" TFT Monitor provides excellent clarity
- All monitors turn on when camera station calls in
- Selective Calling and All Call between interior monitor stations
- Audio only interior stations available (max. 2)
- Includes single N/O door release contact
- Selective door release with adaptor (form C contacts)
- Mounting and CCTV accessories available

LEM-1DL & LEM-1DLC - Access Sentry

- Door release (N/O contact)
- Calling and 2-way communication
- Call tone and voice volume control
- 12~16V AC or 12~24V DC powered
- Any LE or LS series door stations are compatible

LEF Audio - Open Voice Selective Call Systems

- Communication and calling from up to 11 stations
- Wide variety of door and sub stations
- Vandal and weather resistant door stations available
- Masters in 3, 5, and 10 call size in both surface and semi-flush mounting
- Selective door release using 12V DC relays
- Call tone and light when door or sub calls
- Selective calling from masters with hands free reply
- All subs and doors communicate hands-free
- Masters can monitor other stations
- Communication and call tone volume control

MKS-1GD - B&W Wide Angle Video Sentry Kit

- Standard Kit:
 - (1) MK-1GD - Master Station with B&W Monitor,
 - (1) MK-DH - Fixed Video Door Station
 - (1) PS-1820UL - Power Supply, 18V DC, 2A
- Two other kits available with different door stations
- Expandable to three monitors
- Audio only handsets can be used in place of the sub master station
- All monitors turn on when camera station calls in
- Door release (Form C contact with RY-18L)

MKS-2MCD - B&W PanTilt Video Sentry Kit

- Kit includes:
 - (1) MK-2MCD - Master Station with B&W Monitor,
 - (1) MK-DAC - PanTilt Video Door Station
 - (1) PS-1820UL - Power Supply, 18V DC, 2A
- Expandable to three monitors and two cameras
- All monitors turn on when camera station calls in
- Single release contact included, selective door release using RY-3DL

NDR - Lamp Memory Security Intercom

- Lamp memory call-in from subs, the LED light will stay lit until call is answered
- Extra contact capability for every station
- Selective door release using 12V DC relays
- Expand the system with 20 or 40 station add-on selectors
- All components of the NEM system are compatible

NDRM - Rack Mount Security Intercom

- Rack mount master available with 12 and 20 station capacity, occupying three rack spaces
- Add-on selectors available with 20 or 40 station capacity, occupying three rack spaces
- Expandable to 100 intercom stations
- Simplex open voice communications
- Selective door release or CCTV camera activation while in communication with a remote station
- Call-in LED and tone stay active until call is answered

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