AIPHONE®

KB Series
Handset Video Intercom with Tilt

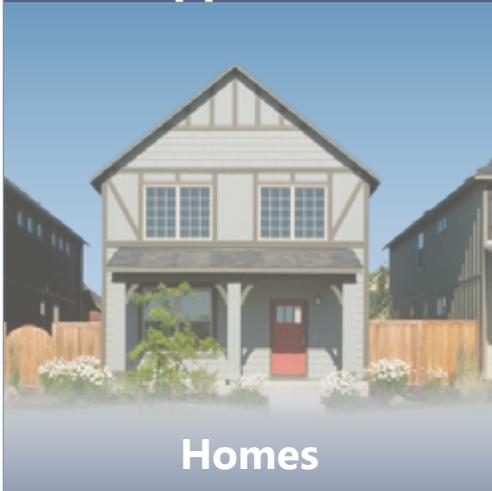## For Residential and Commercial Applications

Features & Benefits

- **3 x 5 station capacity**
  Create the desired entry security and communication solution with up to 3 door stations and 5 master stations.

- **Visitor screening**
  See and speak with visitors to determine their intent before letting them inside.

- **Door release**
  Conveniently unlock the door after visitors are confirmed – *with the push of a button!*

- **Audio / Video monitoring**
  Discreetly monitor activity in areas where door stations are installed.

- **Selective and All Call**
  Choose to call one master or sub master station at a time or call all of them at once.

- **Designed to last**
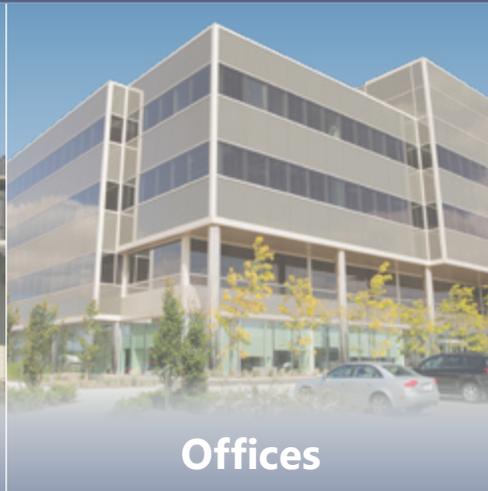 Install the KB Series system and have years of reliable quality.

Easily add 2-way communication where it is needed!

Ideal Applications

Homes

Offices

Schools

Components

Door Stations - Mix and match up to 3 *(max. 1 audio door station per system)*

KB-DAR
Video Door Station
- Tilt camera
- Plastic chassis
- Weather resistant
- Surface mount
  5-1/2" H
  4-1/8" W
  1-3/4" D

KB-DAR-M
Video Door Station
- Motion detector contact input
- Tilt camera
- Plastic chassis
- Weather resistant
- Surface mount
  5-1/2" H
  4-1/8" W
  1-3/4" D

AX-DM
Audio Door Station
- Plastic chassis
- Weather resistant
- Mullion surface mount
  6-5/16" H
  1-11/16" W
  7/8" D

IF-DA
Audio Door Station
- Plastic chassis
- Weather resistant
- Surface mount
  5-1/8" H
  3-7/8" W
  1-1/8" D

IE-JA
Audio Door Station
- Stainless steel cover
- Weather resistant
- Flush mount
- Fits 2-gang box
  4-1/2" H
  4-9/16" W
  2-1/2" D
  (back box depth)

IE-SS/A
Audio Door Station
- Stainless steel panel
- Weather and vandal resistant
- Flush mount
- Fits 2-gang box
  4-3/4" H
  4-3/4" W
  2-1/2" D
  (back box depth)

IE-SSR
Audio Door Station
- Red mushroom call button
- Stainless steel panel
- Weather and vandal resistant
- Flush mount
- Fits 2-gang box
  4-3/4" H
  4-3/4" W
  2-1/2" D
  (back box depth)

Components

Master Station & Power Supply
(required for system)

KB-3MRD
Video Master Station
(requires PS-2420UL)
• 4" LCD screen
• Handset for privacy
  7-11/16" H
  7-5/16" W
  3-5/16" D

PS-2420UL
24V DC, 2A
Power Supply
(required for KB-3MRD and for every 2 KB-3HRDs)
6-9/16" H
3-9/16" W
2-1/16" D

Sub Master Stations - Mix and match up to 4
(max. 2 audio sub master stations per system)

KB-3HRD
Video Sub Master Station
(requires PS-2420UL for every 2 KB-3HRDs)
• 4" LCD screen
• Handset for privacy
  7-11/16" H
  7-5/16" W
  3-5/16" D

KB-3SD
Audio Sub
Master Station
(max. 2 per system)
• Handset
  for privacy
  8-1/4" H
  3-15/16" W
  2-7/8" D

Accessories

HID-SS
Card Access Station
with HID® ProxPoint®
Plus Proximity
Card Reader

SBX-2G
Surface Mount
Box for IE-JA,
IE-SS/A, or IE-SSR

SBX-ACE
Surface Mount Box for
AX-DM, IF-DA, KB-DAR,
or KB-DAR-M and one
Access Control Device

KAW-D
30˚ Angle Box
for KB-DAR or
KB-DAR-M

KMB-45
Mullion Mounting
Bracket for KB-DAR,
KB-DAR-M, or IF-DA

KA-DGR
Surface Mount
Housing Panel
for KB-DAR or
KB-DAR-M

KA-FSH
DISCONTINUED
Flush Mount Housing
Panel for KB-DAR
or KB-DAR-M

EL-12S
Electric
Door Strike
(requires PT-1210N)

PT-1210N
12V AC
Transformer
(required for EL-12S)

IER-2
Call Extension
Speaker

RY-24L
Form C Door
Release Relay
(for 1 door)

RY-3DL
Selective Door
Release Adaptor
(for 2 or 3 doors)

RY-ES
External
Signaling Relay

MAW-B
Auxiliary Light
Control Relay

MCW-S/A
Desk Stand
for KB-3MRD
or KB-3HRD

Specifications

Power Source	24V DC – use PS-2420UL		Communication	Handset (full-duplex)
Door Release	N/O dry contact, 12V AC, 400mA – use EL-12S (use RY-24L for larger contact rating or RY-3DL for 2 or 3 doors)			
Wire Type	2-cond., mid cap, solid, non-shielded – use Aiphone #871802			
Wire Distance	Master Station to Door Station: 330'(22AWG) 650'(18AWG) Master Station to farthest Sub Master Station: 165'(22AWG) 330'(18AWG) Power Supply to Master Station or Sub Master Station: 16'(22AWG) 33'(18AWG)			