



# 1810 SERIES TELEPHONE ENTRY SYSTEMS

THE BUILT-IN DIRECTORY MAKES THE 1810 SUITABLE FOR A WIDE VARIETY OF APPLICATIONS AND IS EASILY UPDATED



flush mount  
1810

surface mount  
1810-AP

- Provides voice communication from the entry point between the guest and resident/tenant, who can then grant or deny them access from their touch-tone phone
- Ideal for residential, multi-home, small gated community or apartment house applications
- Built-in lighted directory provides service for up to 600 residents
- 1810-AP is PC Programmable via the Internet, LAN, modem or direct connection to a PC
- 2 year limited factory warranty



**built-in display**  
indicates door/gate has been opened



**modular design**  
makes installation and service easy

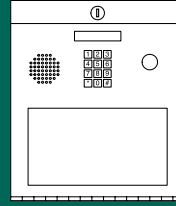


**led lighted**  
directory display

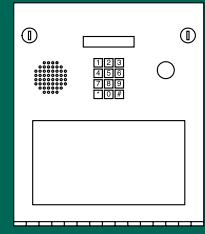


**pc programmable**  
Program the 1810 Access Plus from your PC

# 1810 SERIES TELEPHONE ENTRY SYSTEMS



Surface Mount 1810 / 1810-AP



Flush Mount 1810 / 1810-AP

## Surface Mount

11.25" W x 13" H x 4.75" D  
(285mm W x 330mm H x 120.6mm)

## Flush Mount

12" W x 13.25" H x 3.25" D  
(305mm W x 336.5mm H x 82.5mm D)

MODEL	PHONE NUMBERS	DIRECTORY	ENTRY CODES <sup>1</sup>	DEVICE CODES <sup>2</sup>	RELAYS	AUXILIARY INPUTS <sup>3</sup>	EXPANSION <sup>4</sup>	PC PROGRAM <sup>5</sup>	TEMPORARY CODES	HOLIDAY SCHEDULE
<b>1810</b>	600	-	1000	0	2	1	No	No	5	No
<b>1810-AP</b>	27	-	50	100	2	2	6 Max	Yes	10	Yes

- 1 Entry codes are four (4) digits only and are not the same as device codes. Entry codes grant access when entered on the entry system keypad (or secondary keypad) only.
- 2 Device codes refer to any five (5) digit RS-485 device used to access an entry point, such as cards, transmitters or PINs (Personal Identification Number). Five (5) digit device codes can also be used on the system keypad.
- 3 1810 auxiliary input allows a switch closure to activate relay 2, or can be set to auto-dial a preprogrammed telephone number. 1810 AP uses a standard RS-485 data input.
- 4 Six (6) additional entry points can be controlled via RS-485 card readers, AVID tag readers, RF receivers or digital keypads.
5. Programming software included. IP Addressable, programmable via direct connection to PC, LAN or the internet.

## Technical Features

### Mechanical

Stainless steel faceplate  
Galvanized steel sub-plate  
Metal keypad  
Offset speaker holes for protection  
Hands free voice operation (optional handset available on surface mount style only)

### Electrical

16 VAC (power transformer included)  
Full duplex voice communication  
Hold open time zones (4)  
Two relays to control two entry points  
LCD display for programming assistance and shows 'open' when access is granted

### 1810

Stores up to 600 phone numbers, 15 area codes  
Programmable directory codes (1 to 4 digits)  
16-digit dialing  
Analog voice circuit  
DTMF tone output allows for use with PBX, KSU, and auto-attendant type phone systems  
Built-in clock - has its own backup power source  
Entry code time zones  
Flash entry codes (8)  
Time zone restrictions on selected entry codes  
Two special inputs can be programmed for relay activation or dial-out function

### 1810-AP

Up to 27 resident / tenant phone numbers – plus 23 additional with 1816-AP intercom expansion  
IP addressable – program from your PC via direct connection, LAN or an internet connection or via built-in modem  
Intuitive, easy to use, Windows based programming DKS Access Plus software included  
Relay board available which allows use of existing 26-bit wiegand devices  
Holiday schedule, schedule un-lock / lock times  
Email notifications, live relay control from your PC  
HD digital voice circuit  
Add up to six (6) additional (RS-485) card readers, keypads or proxy RF devices  
100 device codes (card, keypad, transmitter)  
500 event history buffer  
10 temporary access codes with start and end dates  
Built-in lighted directory for 27 names, easily printed with Access Plus software  
20-digit dialing, 2-digit directory codes  
Answer machine bypass feature  
Up to 30 holidays can be added to access and hold open time zones  
Control access points from your PC. Schedule lock and unlock times, lock or unlock an access point with the click of a mouse

### 1816-AP No Phone Line Intercom Expansion

The DKS model 1816-AP telephone intercom system expands the capabilities of the 1808-AP to include facilities without active phone service, and does not

require a dedicated Central Office (C.O.) phone line to establish communication between the 1808 AP and a resident's telephone. This system allows the resident to be in charge of their calls and can interface with up to 23 phone lines.

### Miscellaneous

Environmental: 10°F to 145°F (-12°C to 62°C)  
Camera Ready: Optional CCTV camera\*  
\*may require additional CCTV equipment  
Optional heater kit available for colder climates

Shipping weight approximately 20-25 Lbs (9-11.3 kg)



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