

AccessPro Controller Model AP-3

- **Ideal for gated communities, parking facilities, and industrial sites.**
- **Easy to program and use.**
- **Easy to add, suspend, and delete individual transmitters through programming mode — no transmitter dip switches to set.**
- **Supports up to 339 single learn transmitters, plus one fully supervised safety edge transmitter.**

For sites that have a single entrance or gate, the AP-3 is the ideal wireless-based access control system. It can be used to remotely activate devices such as gate operators, door strikes, or door operators. Based on the proven AP-1 and AP-2 access controllers, the AP-3 is small enough to be mounted within the gate operator

The AP-3 has a built-in radio receiver. It has a 250 foot range that can be extended even farther with an optional EXA-2000 antenna.

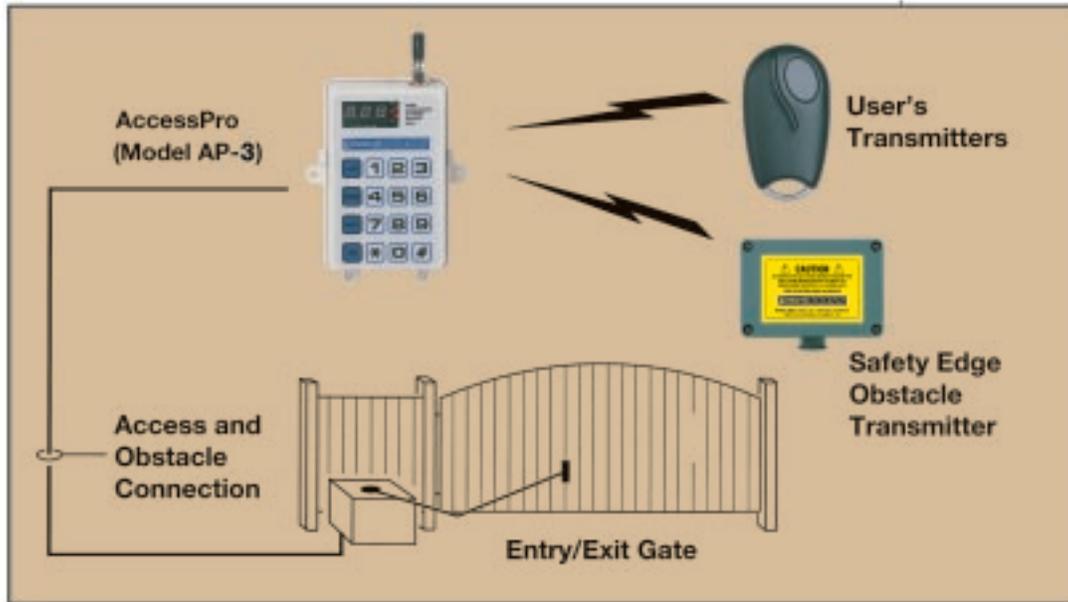
Two relay outputs are provided: one for gate or door access; the other for obstacle control using the MGT, the industry's only supervised safety edge transmitter. The AP-3 looks for an hourly status transmission from the MGT to report on transmitter functionality, battery condition, and case integrity. If any of those conditions require attention, the AP-3 will alert the user by beeping once every five seconds. The user must then activate the transmitter twice in order for the AP-3 to grant access.

Installation and set-up are simple. The AP-3 operates on 12-24 volts, ac or dc. It can be powered directly from the radio power output of most gate operators. Learning, suspending, or deleting transmitters is as simple as pressing a few keys on the AP-3's built-in keypad. Program data is stored in non-volatile EEPROM; data retention is in excess of ten years, even in the event of a power failure.

The AP-3 is compatible with all MegaCode format transmitters, which come factory programmed with one of over 1,000,000 possible codes, all but eliminating any chance of duplication.



Typical Gate Application



General Specifications

OUTPUTS

Relay: two form "C" relays, rated at 1 amp @ 24 volts ac or dc; one for control and one for obstacle

Display: three eight-segment displays to provide system activity and program information; LEDs used in conjunction with displays to provide transmitter and radio activity

INPUTS

RF: integral 318 MHz super regenerative receiver @ -94 dBm sensitivity (nominal); receives MegaCode format transmitters

Open Request: terminal input and button activation triggers the control relay

Keypad: integral 16-key membrane style keypad with tactile feedback

POWER

12 to 24 volts ac or dc, 250 mA maximum

OPERATING TEMPERATURE

-22° to +155°F (-30° to +70°C)

DIMENSIONS

3.625 in W x 5.25 in H x 1.5 in D (92 x 133 x 38 mm)

STANDARD EQUIPMENT

AP-3 gate controller; supports up to 339 MegaCode transmitters and one MGT safety edge transmitter; 9-1/2 inch whip antenna; 3 feet of coaxial cable; barrel connector

ACCESSORIES

Antennas:

- EXA-1000:** remote, omnidirectional; includes mounting hardware and five feet of cable
- EXA-2000:** remote, directional-type; includes mounting hardware and ten feet of cable

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