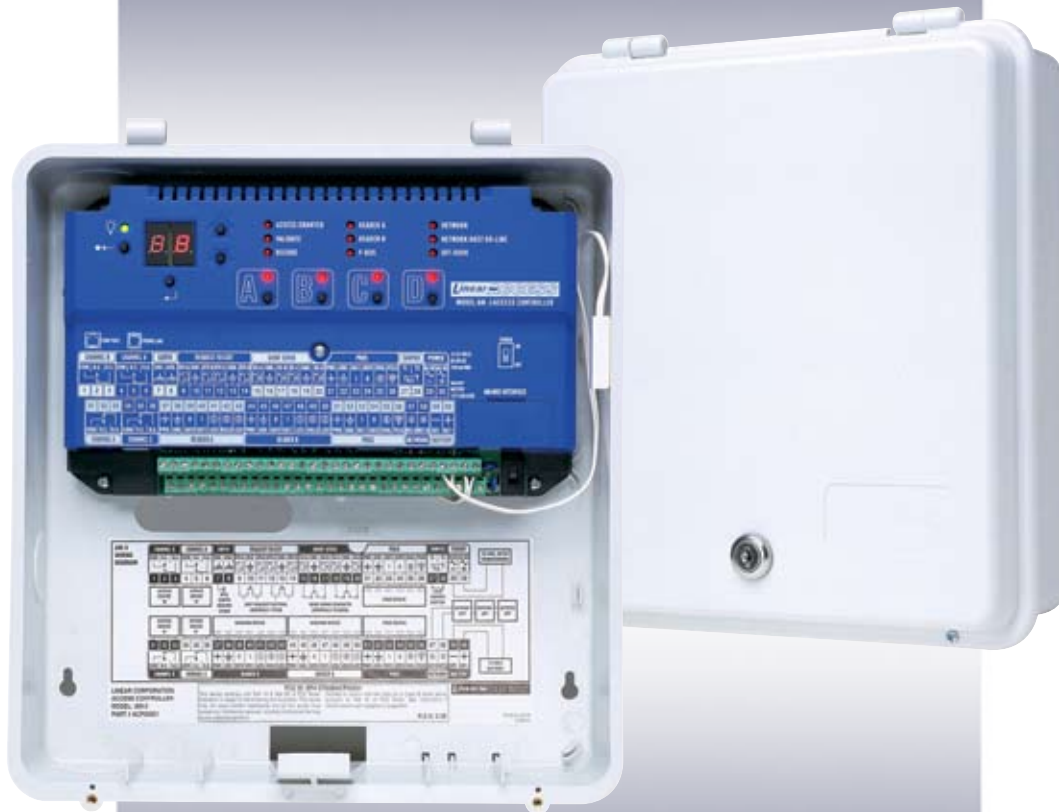


# AM3Plus Access Controller for up to Four Doors/Gates



- Four General-Purpose Form “C” Relays for Main and Auxiliary Control Functions
- AccessBase2000 PC Based Software or AXNET Browser Based Programming Capabilities
- Compatible with Linear’s AE1000Plus and AE2000Plus Telephone Entry Systems
- Accepts Two 26, 30, or 31-Bit Wiegand Devices and Six Additional Addressable Remote Devices
- Lockable Plastic Enclosure for Indoor Use
- Optional NEMA 3R Enclosure for Outdoor Mounting

## AM3PLUS CAPABILITIES

The AM3Plus multi-portal access controller has four built-in general purpose (Form "C") relays. Any one can be used for the control relay and the others for auxiliary control functions, including activation of safety edge reverse, or alarm shunting. In addition, the AM3Plus supports request to exit and door status monitoring for each relay. All relay contacts have extensive RFI, ARC, and lightning suppression.

The AM3Plus is supplied in a lockable plastic enclosure designed for indoor use. For outdoor mounting, an optional NEMA 3R enclosure (Model CAB-3) is available.

## TWO PROGRAMMING CHOICES:

AM3Plus now offers you two programming choices. Use any PC at any location to access programming using Linear's AXNET that is built into the controller. Or use a dedicated PC to access programming using Linear's AccessBase2000 software. Both choices allow multiple unit connectivity (see capabilities in the table below).

## General Specifications

### OUTPUTS

**Relay:** four Form "C" relays; all can be configured for open/close; all relay contacts have extensive RFI, ARC and lightning suppression

**RS232:** for local computer communications

### DISPLAY

**Front Panel:** two 7-segment LED displays for system configuration, status and troubleshooting

### INPUTS

**PBUS:** two sets for connecting up to six proprietary addressable devices

**Wiegand:** two sets of Wiegand inputs for connecting 26, 30, or 31 bit Wiegand devices; each Wiegand input supports two reader LED indicators

**Request To Exit:** four normally open inputs; each input assigned to specific relay

**Door Sense:** four normally closed inputs used to monitor the status of the controlled portal to support forced door/propped door alarm; also for auto-relock.

**Access Buttons:** four pushbuttons used to manually control each of the four relays

**Tamper:** tamper switch activates when cabinet is opened

**LEDs:** 14 indicators for status and troubleshooting

### POWER

12/24 VAC or VDC; 16 VAC transformer included

### OPERATING TEMPERATURE

-22° to +149°F

### DIMENSIONS

11.5 in L x 4 in W x 12.5 in H (292 x 102 x 318 mm)

### CLOCK/CALENDAR

Built-in 24-hour clock/calendar with battery back-up and daylight savings adjustment

### ENCLOSURE

Plastic cabinet suitable for indoor use; secure with lock/key (included) or screws

### OPTIONAL EQUIPMENT

**ACM-1:** plug-in 33.6 Kbps modem for remote (dial-up) communications.

**AM-MIO Interface Module:** multiple input/output modules for monitoring and control of additional points; can also be used for elevator control

**CAB-3:** lockable NEMA 3R enclosure for mounting the AM-3 outdoors

**AM-RRR:** remote radio receiver for wireless transmitters

Capabilities with AccessBase2000 Programming
Programming through dedicated PC
Up to 10,000 cardholders grouped in sets
Up to 24 card blocks with up to 1,900 cards each (45,600 total)
Up to 20,000 individually enrolled cards
Up to 24 transmitter blocks with up to 1,900 transmitters each (45,000 total)
Up to 20,000 individually enrolled transmitters*
Up to 20,000 entry codes for cardholders
10,000 event log entries per unit
Up to 31 access time zones
Up to six PBUS and two Weigand devices per unit

Capabilities with AXNET Programming
Programming using ANY PC through browser software
Up to 2,000 cardholders
Up to 24 card blocks with up to 1,600 cards each (38,000 total)
Up to 2,000 individually enrolled cards
Up to 24 transmitter blocks with up to 1,600 transmitters each (38,400 total)
Up to 2,000 individually enrolled transmitters*
Up to 2,000 key codes
2,500 event log entries per unit
Up to eight access time zones
Up to four PBUS and two Weigand devices per unit

\*AM-RRR Remote receiver required

**Linear**®



Power Door Products

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