



NUVEQ 16 INPUTS/16 OUTPUTS EXPANSION BOARD

EP-16 IO

NEXT-GENERATION ACCESS CONTROL SYSTEM

The 16 Inputs/16 Outputs Expansion Card provides easy expansion for an EP-3000C Controller. An additional 16 analog inputs and 16 relay outputs can be added to the EP-3000C Controller base board.

The Nuveq Expansion Board extends access control capabilities to standard elevators, enabling building owners and tenants alike to secure and control access to specific floors. The Elevator Board is an optional expansion board for the NUVEQ controller base board that supports up to 16 floors and two Nuveq Smart Readers. One controller base board support up to 16 Expansion Boards.

FEATURES

- AES 256 encryption with code-hopping used
- 16 device addresses allow multiple devices to be connected to one controller.
- Relay outputs are individually selectable for Normally Open or Normally Closed operation
- Inputs are globally configurable for supervised or unsupervised operation.
- Elevator access can be bypassed using a single digital input signal.

SPECIFICATION

Model:	EP-1610
CPU:	32 bit ARM Processor
Output:	<ul style="list-style-type: none">• 16 x relay-controlled outputs for elevator access control• Individually selectable relay for Normally Open or Normally Closed operation• connect up to 16 expansion board to One EP3000C controller base board, provide up to 256 relay outputs and inputs
Input:	<ul style="list-style-type: none">• 16 x supervised input ports for alarm point or signal monitoring• 1 x digital input• Elevator access can be bypassed using single digital input signal
Serial ports:	<ul style="list-style-type: none">• 1 x RS-485 port• AES 256 encryption with code hopping used
LED:	16 relay state indication LED
Power Supply:	12 VDC 800mA operation
Operating Temperature:	-22° to 150° F (-30° to 65° C)
Operating Humidity	0-95% relative humidity noncondensing
Housing Material	ABS
Certifications:	CE, UKCA, RoHS