



ALM2064 Alarm Interface Unit

ALARM GATHERING UNIT FOR UP TO 64 ALARM INPUTS

Product Features

- 64 Alarm Contact Inputs
- Connects to the CM6800 Series Matrix Switchers Using Pelco's M Protocol
- Uses RS-485 Communication Interface
- Multiple Units May Be Cascaded to Provide Multiple Alarm Contact Points on a Single M-Port Connection
- Alarm Inputs May Be Configured for Supervised or Unsupervised Mode
- Supports Imports From Normally Open (N.O.) or Normally Closed (N.C.) Contacts
- Powered by an Auto-Ranging Power Supply

The **ALM2064** alarm interface unit connects directly to the System 6800 matrix switcher/controller. Each unit provides monitoring capability for up to 64 external alarm inputs.

Using Pelco's proprietary M protocol, the alarm unit communicates with Pelco's CM6800 matrix switchers via an RS-485 communication interface.

The alarm unit can be located remotely from the system controller and still communicate back to the central system when an alarm occurs.

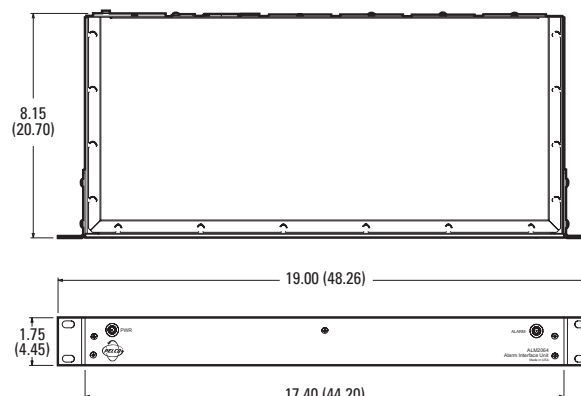
Up to four alarm interface units can be cascaded to provide multiple alarm contact points on a single M-port connection.

Alarm inputs on each **ALM2064** unit can be configured in two groups of 32 each for supervised or unsupervised mode.

The **ALM2064** provides a relay output on the rear panel. The alarm unit will activate a peripheral device connected to this output when a valid alarm condition is sensed.

The alarm interface unit is powered by an auto-ranging power supply.

The **ALM2064** occupies one rack unit (1.75 inches or 4.45 cm), accommodating multiple types of mounting.



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES



TECHNICAL SPECIFICATIONS

MODELS

ALM2064 Alarm interface unit; provides alarm monitoring capabilities for up to 64 alarm inputs.

ELECTRICAL

Input Voltage 100-240V, 50/60 Hz, auto-ranging
Power Consumption 30 VA (reactive consumption); 3 watts (active)
Data Ports
Input RS-485, RJ-45 connector
Output RS-485, RJ-45 connector
Indicators Two power LEDs, green
One alarm LED, red
Fusing 500 mA, 250V
Relay Out Load rating for relay contacts: 0.50A at 125V, 50/60 Hz or 1A at 24 VDC
Operating Distance 4,000 feet (1,219 m) on 24 AWG wire

MECHANICAL

Connectors
Alarm Inputs Four dual-header, 32-input connectors with mating plugs
Power 3-wire, 18 AWG
RS-485 Two RJ-45 connectors
Relay Out One 3-pin header with mating plug

GENERAL

Ambient Operating Temperature 32° to 120°F (0° to 49°C)
Dimensions 1.75" H x 19.00" W x 8.15" D (4.45 x 48.26 x 20.70 cm)
Mounting Fits 19-inch EIA Standard rack (1 RU)
Unit Weight 7 lb (3.17 kg)
Shipping Weight 11 lb (4.9 kg)

CERTIFICATIONS/RATINGS

- CE, Class B
- FCC, Class B



Pelco Worldwide Headquarters:
3500 Pelco Way, Clovis, California 93612-5699 USA
USA & Canada Tel: (800) 289-9100 • FAX (800) 289-9150
International Tel: (559) 292-1981 • FAX (559) 348-1120
www.pelco.com

Pelco and the Pelco logo are registered trademarks of Pelco.
Specifications subject to change without notice.
©Copyright 2002, Pelco. All rights reserved.