

FEATURES

- ▶ Compatible with all PACOM Controllers
- ▶ Compact PCB, requiring minimal space on the panel
- ▶ Replaces resistive monitored lines with RS485 data link
- ▶ 2 supervised alarm inputs and 1 relay controlled output
- ▶ Dedicated tamper input to be used with an external tamper switch

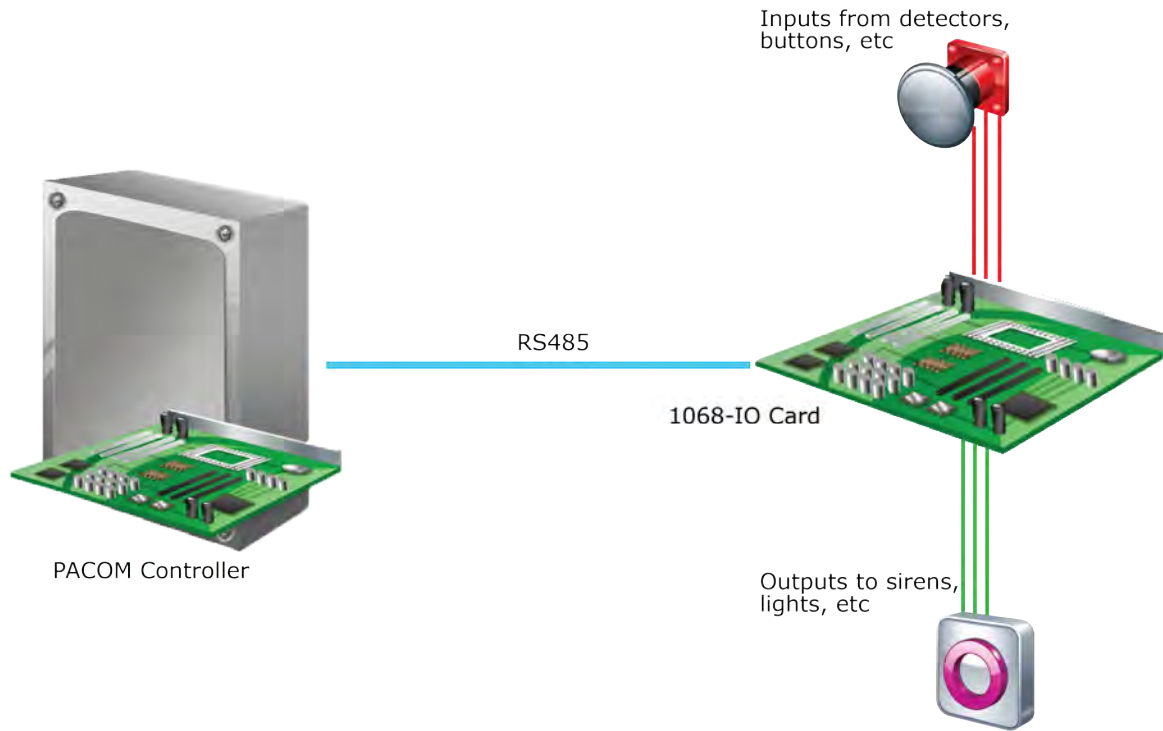


The PACOM 1068 Input Output (I/O) Module is designed to increase the security of remote alarm input devices such as PIR detectors, door contacts and seismic detectors. It is small enough to be housed inside the casing of most devices and has 2 inputs to allow monitoring of the device contact and an additional tamper switch. The 1068 I/O replaces the standard resistance monitored line to the PACOM Controller with an intelligent RS485 data link. The 1068 I/O is constantly polled by the controller and if a valid response to the poll is not received, an alarm is sent to the monitoring system. By connecting sensor devices to the security system in this way the possibility of a device being tampered with or substituted without detection is virtually eliminated. The 1068 I/O supports analog data and can be used to facilitate remote maintenance diagnostics from PACOM security management software.

The 1068 I/O is equipped with an output relay that can be used to activate an LED, a self-test buzzer for a seismic detector or a variety of other purposes as required.

The PACOM 1068 Input Output Module expands the input and output functionality of any PACOM Controller.

ARCHITECTURE



TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage	12 to 15VDC (can be supplied through RS485 device loop)
Current Consumption	35mA @ 12VDC typical, excluding attached devices 55mA maximum with all alarm conditions present and all outputs active etc.

ENVIRONMENTAL

Operating Temperature	EU: -10 to +55°C (14 to 131°F) UL: 0 to +70°C (32 to 158°F)
Maximum Humidity	85% (non-condensing) @ 30°C (86°F)

PHYSICAL

Dimensions	45 x 28 x 12mm (1.8 x 1.1 x 0.5")
Packed Weight	20g (0.7oz)

COMMUNICATIONS

Connection	RS485
------------	-------

SIGNALING

Input	2 x 10kΩ EOL resistance standard Supports analog input 0-5V.
Output	1 x relay controlled (1.0A @ 30VDC contacts)

COMPLIANCE & ACCREDITATION

RoHS | A-Tick | FCC 47 CFR Part 15 | C-Tick | CE Safety | EN50131-3 | EN55032

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 073 004	1068R-001-UL	1068 I/O Controller