FEATURES

▶ Control and display the status of alarm areas/zones

▶ Back-lit 2-line x 16 character liquid crystal display (LCD)

▶ Compatible with PACOM 8002 and 8003 Controllers

▶ Configurable messages and welcome text

▶ Buzzer with programmable frequencies

▶ Automatic baud-detect for fast and easy installation

▶ Tamper switch

▶ Tri-color alarm area status LEDs

▶ Built-in door controller (8101R only)

The PACOM 8101 Series Keypad features a modern design and intuitive button symbols for simple user operation. Equipped with a 2-line x 16 character liquid crystal display (LCD) and soft-touch buttons, the 8101 Keypad can be used for local management of alarm areas.

The 8101 Series Keypad communicates via RS485 to the PACOM Controller. Any alarm area can be managed by the keypad and tri-color LEDs can be assigned to indicate the status of each alarm area.
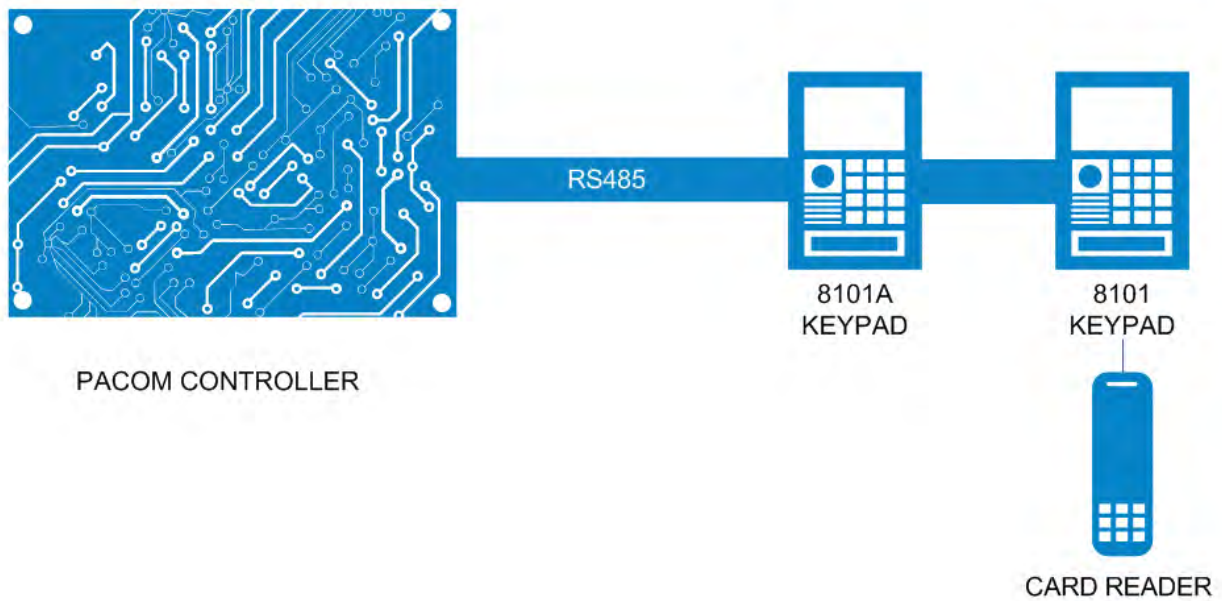
Two models are available:

- the 8101A, which is designed purely for PIN-based alarm operation
- the 8101, which includes an integrated single door controller for access control and simple PIN-free system operation.

Both keypad models are compatible with PACOM 8000 Series Controllers.

The PACOM 8101 Keypad features modern and intuitive design for simple user operation and is compatible with PACOM 8002 and 8003 Controllers.

ARCHITECTURE

PACOM CONTROLLER — RS485 — 8101A KEYPAD — 8101 KEYPAD — CARD READER

TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage	12 to 15VDC
Current Consumption	310mA @ 12VDC typical 390mA maximum

ENVIRONMENTAL

Class	II
Operating Temperature	EU: -10 to +55°C (14 to 131°F) UL: 0 to 50°C (32 to 122°F)
Maximum Humidity	90% (non-condensing) @ 40°C (104°F)

PHYSICAL

Enclosure Construction	ABS plastic
Dimensions	160 x 110 x 30mm (6.3 x 4.3 x 1.2")
Packed Weight	400g (14.1oz)

COMMUNICATIONS

Port	RS485

SIGNALING

Input	2 x end-of-line (EOL) monitored for egress button and door contacts 2 x non-EOL monitored, D0 and D1
Output	1 x door strike (normally open (N/O) or normally closed (N/C)) - 2A rating 3 x open collector for red and green LEDs and buzzer - 2A rating

SECURITY

Tamper Switch	On-board (factory installed)
Grade (EN only)	3

MISCELLANEOUS

Display	Back-lit LCD, 16 alphanumeric character x 2 lines
Keys	20 (back-lit)
Indicators	8 tri-color LEDs (red, amber, green)
Card Range	Wiegand 64-bit cards from 0 (zero) to 4294967295
Card Reader Interface	Supports Wiegand readers up to 64-bit
Offline Intelligence	Stores last 16 valid access card details for increased redundancy Activates if keypad loses RS485 communications with controller.
Multi-Format	Supports up to 5 different Wiegand access card formats simultaneously. One format must be 26-bit standard, however, the remaining 4 can be customized and include up to 3 parity bits.

COMPLIANCE & ACCREDITATION

AS/NZS 3548:1995+A1+A2 Class A | CUL CSA-C22.2 | EN 50130-4:2011+A1: 2014 | EN 50130-5:2011 | EN 50131-1:2006+A1:2009 | EN 50131-3:2009 ECII SG3 | EN 55032 | EN 61000-4-2:1995+A1:1998 | EN 61000-4-3:2006 | EN 61000-4-4:2004 | EN 61000-4-5:1995+A1:2000 | EN 61000-4-6:2003+ A1:2004 | EN 61000-4-11:2004 | FCC 47 Part 15/B Class A/B | NF&A2P 3 Shields ECII SG3 Option C IK06 | SSF 1014 Ver 3 | UL 294:1999 | UL 1076/ULC/ORD-C1076:1995 | UL 1610:1998 | ULC-S304:2006

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 043 101	8101R-001-UL	PACOM 8101 LCD door access control and alarm system operation keypad
300 043 102	8101AR-001-UL	PACOM 8101A LCD alarm system operation keypad