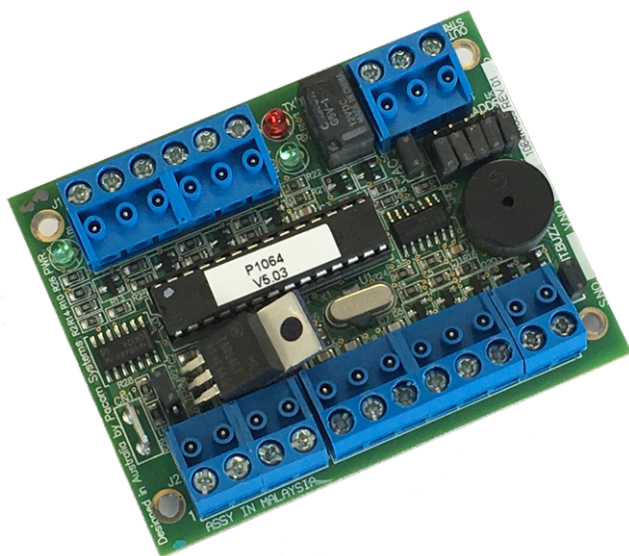# DATASHEET

1064 DOOR CONTROLLER MODULE

MAIN FEATURES

▸ Compatible with all PACOM controllers

▸ Supports one independent card reader/door

▸ Supports Wiegand and magnetic stripe access cards

▸ Four supervized alarm inputs per door

▸ Internal offline memory for redundancy operation

▸ Remotely upgradable firmware

▸ Buzzer

▸ Card reader LED support

The PACOM 1064 Door Controller with integrated offline capabilities is designed to work with PACOM controllers and security software.

PACOM 1064 DOOR CONTROLLER

The PACOM 1064 door controller is a single card reader access control interface designed specifically to operate with PACOM controllers and security software.

The 1064 communicates via multi-drop RS485 port to the PACOM controllers. It provides a hard-wired interface connection for one independent access control device using standard Wiegand or magnetic stripe formats. The 1064 supports redundancy (degraded mode) operation, in that it stores the last used access cards should it become offline to the system.

The number of 1064 modules that can be connected depends upon the capacity and configuration of the PACOM controller. The module mounts easily on PACOM enclosures- Standard Large Enclosure (ENCL-L-STD/1010-01PD - up to 8 per enclosure), Standard Enclosure (PDENCL-01- up to 4 per enclosure) and Door Controller Enclosure (PDENCL-02 - 1 per enclosure).

TECHNICAL SPECIFICATIONS

Supported Card Range

Wiegand 64-bit cards from 0 (zero) to 4,294,967,295.

Inputs

Four supervized inputs which can be used for door status (door forced, door held), egress, spare input 1/strike monitor and spare input 2 (spare inputs are programmable and can be used for general purpose (intrusion) operation).

Outputs:

One relay (1A @ 30VDC), three open-collector output (100mA @ 30VDC) - can be used to activate the on-board buzzer Note that open collector output can be converted to dry contact relay output with the addition of the PACOM 1030-007 dual relay output PCB module.

1064 WITH 24/15VDC Converter

The PACOM 24/15VDC Converter can be used with the PACOM 1064 door controller to allow systems that use 24VDC locks to feed the card reader device loop with 24VDC only and have the voltage converted locally to 15VDC for the door controller and card reader.

The converter conveniently fits inside the same PACOM enclosure that houses the 1064 and features a connection terminal strip and separate fuses for each output.

Dimensions 120 x 36 x 28mm (4.7 x 1.4 x 1.1") Weight 75g (2.6oz) Power input 24VDC ±20% Power output 24VDC ±20% @ 1A/15VDC ±5% @ 500mA

Offline Intelligence

Up to the last 256 cards used on the reader can be stored for redundancy operation. This activates if the 1064 loses RS485 communications with the controller.

Card/Multi-Card Format

Magstripe Track 2, Wiegand 26-bit and Generic Wiegand, Multicard format.

Multicard format enables support for up to five different Wiegand card formats simultaneously. One format must be 26-bit standard, however, the remaining four can be customized and include up to three parity bits.

Supported Card Readers/Keypad

Binary (BCD) keypad, Matrix keypad, Keri reader/keypad, PAC proximity reader, Securitas reader/keypad, Microprox reader/keypad, Mercury MR20 reader/keypad (Magstripe and Wiegand interfaces), Standard Magstripe, Standard Magstripe (Wiegand interface), Mosler Magstripe, Standard Wiegand, Wiegand keypad, HID Wiegand insert reader, HID Wiegand key reader, HID Wiegand reader/keypad.

Dimensions:

76 x 54mm (3.0 x 2.1")

[Enclosure 110 x 135 x 45mm (4.3 x 5.3 x 7.7")]

Weight:

136g (4.8oz)

[Enclosure 1.5kg (3.3lb)]

Communication:

Two-wire RS485

Power Input

12 to 15VDC

Power Consumption:

35mA @ 12VDC (typical; no devices attached)

Power Output:

12VDC, 80mA max

Status Indicators:

LEDs: RS485 comms, power, and door strike status

Environment:

0 to 70°C (32 to 158°F), 0 to 95% relative humidity

COMPLIANCE/ACCREDITATION

RoHS l.EN50130-4 l.EN55032 l.FCC Part 15/B Class A l.CUL CSA-C22.2 l.UL 1076/ULC/ORD-C1076 l.UL294

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 060 007	1064R-003	1064 Door Controller
300 060 008	1064R-004-UL	1064-UL Door Controller
400 050 005	1064ENC-CON	1064 Door Controller (with Enclosure and DC Converter)
400 050 008	1064-ENC	1064 Door Controller (with Enclosure)
900 200 599	1064-KIT	1064-UL Door Controller Kit