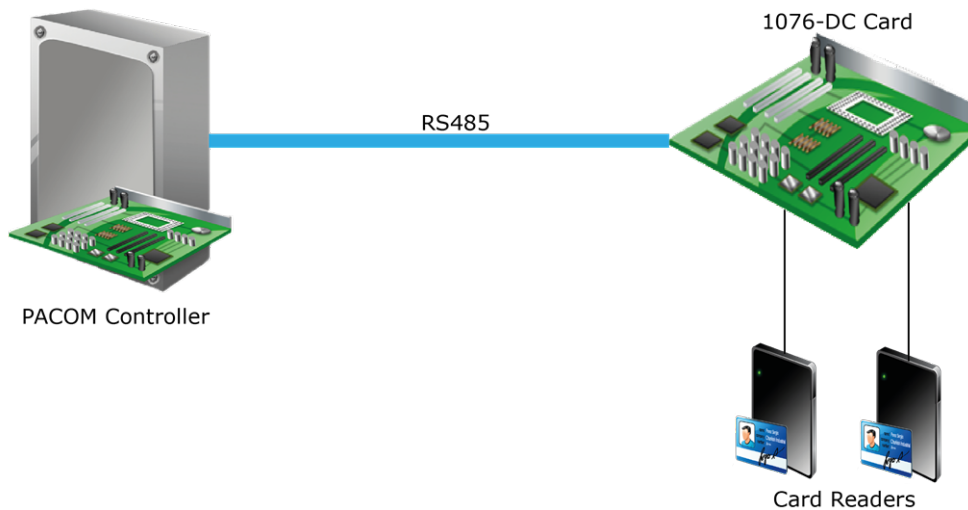# PACOM

DATASHEET

1076 DOOR CONTROLLER MODULE
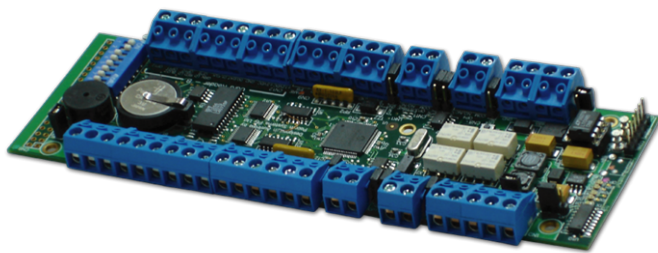
The PACOM 1076-DC is a reliable, robust, flexible two door controller with integrated offline capabilities designed to work with all PACOM controllers.

PACOM 1076 DOOR CONTROLLER

The PACOM 1076 two-door controller is a dual card reader access control interface designed specifically to operate with PACOM controllers and security software.

The 1076 communicates via multi-drop RS485 port to the PACOM controllers. It provides a hard-wired interface connection for two independent access control devices using standard Wiegand or magnetic stripe formats. The 1076 supports redundancy (degraded mode) operation, in that it either stores the last used access cards or can be programmed to allow access based only on access card facility code, should it become offline to the system.

The number of PACOM 1076 modules that can be connected depends upon the capacity and configuration of the PACOM controller. The module has a dedicated tamper input which can be used with an external switch and 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).

PACOM

1076-DC Card

RS485

PACOM Controller

Card Readers

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:

Two relays (1A @ 30VDC), two open-collector outputs (100mA @ 30VDC) per door-can be used to activate the on-board buzzer (outputs are programmable and can be used for general purpose operation).

Offline Intelligence:

Up to eight access card facility codes can be programmed to provide access to matching cards or the last 1000 cards used on the readers can be stored for redundancy operation. This activates if the keypad 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

Matrix 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, Multi-format

Dimensions

174 x 55mm (6.9 x 2.1")

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

Weight:

180g (6.4oz)

[Enclosure 1.5kg (3.3lb)]

Communication:

Two-wire RS485

Power Input

12VDC ±15%

Power Consumption:

66mA @ 12VDC
(typical; no devices attached)

Power Output:

12VDC ±5%, 80mA max

Status Indicators:

LEDs: RS485 comms, power, and door strike status

Environment:

-10 to 55°C (14 to 131°F),
0 to 93% ±2% relative humidity (non-condensing)

COMPLIANCE/ACCREDITATION

RoHS, Radiation: AS/NZS CISPR22 Class A.l.EN55032 Class A l.FCC Part 15 l.Immunity: EN50130-4 + A1/A2 l.EN61000-3-2 EN61000-3-3 + A1/A2.l.Safety: EN60950-1.l.AS/NZS 60950.1 + A1.l.UL294

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 062 001	1076R-001	1076 Two Door Controller (PCB only)
300 062 006	1076R-001-UL	1076 Two Door Controller (PCB only). Available in Americas only.
400 050 007	1076ENC-CON	1076 Two Door Controller (with Enclosure and DC Converter)
400 050 010	1076-ENC	1076 Two Door Controller with enclosure including wall tear-off and lid open tamper contacts. Not available in Americas.