FEATURES

▶ Compatible with all PACOM Controllers

▶ Supports two independent card readers/doors

▶ Supports Wiegand and magnetic stripe access cards

▶ 4 supervised alarm inputs per door

▶ Independent door strike outputs

▶ Internal offline memory for redundancy operation (in PACOM GMS only)

▶ Remotely upgradable firmware

▶ Software controlled interlocking

▶ Buzzer

▶ Card reader LED support

▶ Memory battery monitoring

▶ Tamper detection

The PACOM 1076 2-Door Controller (DC) Module is a dual card reader access control interface designed specifically to operate with PACOM Controllers and security software.
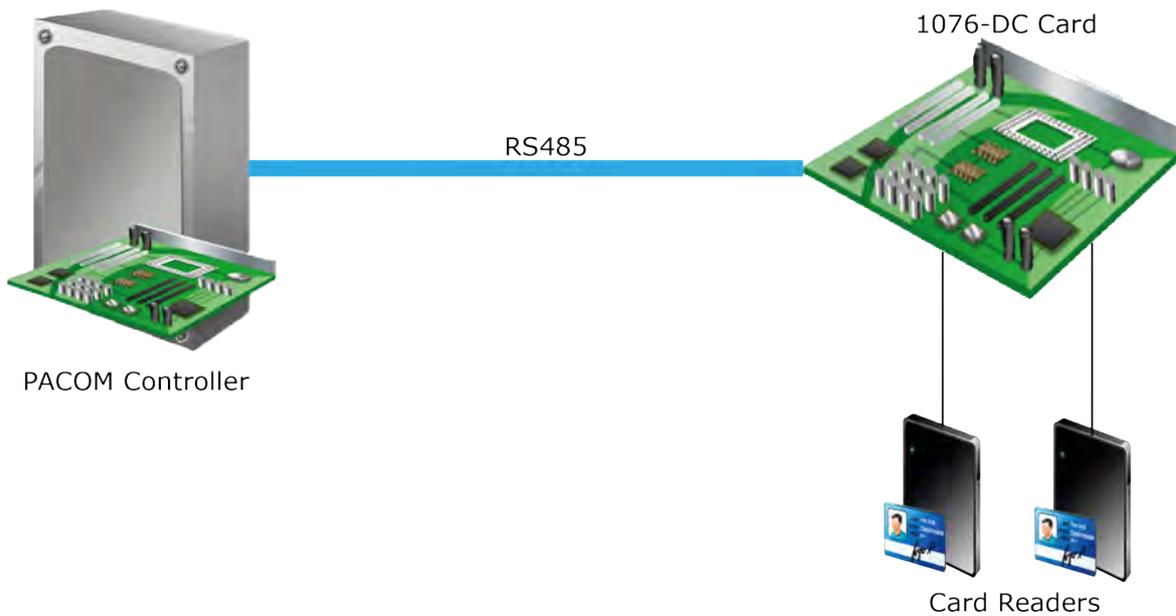
The 1076 DC communicates via multi-drop RS485 port to the PACOM Controllers. It provides a hard-wired interface connection for 2 independent access control devices using standard Wiegand or magnetic stripe formats. The 1076 DC supports redundancy (degraded mode) operation in PACOM GMS, in that it either 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 DC 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)
- Door Controller Enclosure (PDENCL-02 - 1 per enclosure).

The PACOM 1076 Door Controller Module is a reliable, robust, flexible 2 door controller with integrated offline capabilities designed to work with all PACOM Controllers.

ARCHITECTURE

1076-DC Card

RS485

PACOM Controller

Card Readers

TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage	10.2 to 17.25VDC
Current Consumption	40mA @ 12VDC typical, excluding attached devices 70mA maximum with all alarm conditions present and all outputs active etc.

BATTERY

Internal Memory	CR2450 3V lithium type

ENVIRONMENTAL

Operating Temperature	EU: -10 to +55°C (14 to 131°F) UL: -10 to +55°C (14 to 131°F)
Maximum Humidity	93% (non-condensing) @ 30°C (86°F).

PHYSICAL

Dimensions	55 x 174mm (2.2 x 6.9")
Packed Weight	180g (6.4oz)

COMMUNICATIONS

Connection	RS485 (2 wire)

SIGNALING

Input	8 x supervised EOL monitored (10kΩ resistance standard)
Output	2 x relay controlled (1.0A @ 30VDC contacts) 2 x open collector (100mA @ 30VDC contacts)
Indicators	5 status indicator LEDs

SUPPORTED CARD RANGE / CARD READERS / KEYPADS

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

CARD / MULTI-CARD FORMAT

Magstripe Track 2, Wiegand 26-bit and Generic Wiegand, Multicard format	Multicard format enables support for up to 5 different Wiegand card formats simultaneously. One format must be 26-bit standard, however, the remaining 4 can be customized and include up to 3 parity bits. Wiegand Custom (up to 128-bits)

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 2- Door Controller (PCB only)
300 062 006	1076R-001-UL	1076 2- Door Controller (PCB only) Available in the Americas only.
400 050 007	1076-ENC-CON	1076 2-Door Controller (with enclosure and DC converter)
400 050 010	1076-ENC	1076 2-Door Controller with enclosure including wall tear-off and lid open tamper contacts. Not available in the Americas.