

FEATURES

- ▶ Card reader with OLED display
- ▶ Support for MIFARE, MIFARE Plus, DESFire EV1 + EV2
- ▶ User-friendly interface with clear text and symbols, LED indication
- ▶ Tamper protection
- ▶ RS485/OSDP/Wiegand
- ▶ IP54 rated
- ▶ No heating element required
- ▶ RFID technology
- ▶ Support for multiple encryption keys for access cards
- ▶ Backlit buttons



The PACOM 8707 Display Reader is part of the new generation of card readers designed to meet future functional requirements and technologies. The reader has a timeless and user-friendly design. The sharp OLED display shows both text and symbols to communicate clearly with users. The ability to customize text provides tailored communications based on requirements.

The card reader is designed for both indoor and outdoor installations in rough climatic conditions. The backlit and clear keypad makes it suitable in poorly lit environments.

The PACOM 8707 Display Reader supports the most popular card technologies, using state-of-the-art card management and authentication with MIFARE, DESFire and does not require programming cards or manual card reader programming. Downloading encryption keys as well as configuration is done from PACOM Unison which is then downloaded to the card reader. The PACOM 8707 manages MIFARE Classic, MIFARE Plus (levels 1 and 3) and MIFARE DESFire EV1 = EV2.

The PACOM 8707 Display Reader is a card reader with a sharp OLED display and a backlit and clear keypad, that can show customized text.

TECHNICAL SPECIFICATION

ELECTRICAL

Input Voltage	10 to 30VDC
Current Consumption	Typical 55mA @ 24VDC Maximum 100mA @ 24VDC
Frequency	13.56MHz

ENVIRONMENTAL

Operating Temperature	-40 to 60°C (-40 to 140°F)
Maximum Humidity	95%

PHYSICAL

Dimensions	74 x 134 x 31mm (2.9 x 5.3 x 1.2")
Weight	240g (8.5oz)
Reading Distance	50 to 80mm (2.0 to 3.2")
Screen Resolution	128 x 64px
Screen Type	OLED

COMMUNICATION

Interface	RS485, Wiegand OSDP v2 (including secure transfer with AES128)
Addressing	1 to 4

SECURITY

Tamper Switch	Yes
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MISCELLANEOUS

Status Indicators	OLED-screen, RGB-LED and buzzer
Card Technologies	MIFARE MIFARE Plus DESFire EV1 + EV2 * Support for ISO14443 A/B* compatible card MIFARE CSN 4 and 7 byte
Encryption Key Download	Download encryption keys from PACOM Unison **
Configuration	Central configuration from PACOM Unison ** or from the menu in the card reader.
Availability	OLED display with wide angle view. Tactile indication of keypad (button 5).

* Support in hardware. Contact PACOM Systems for more information.

** Available when used with Sentrion Hardware.

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 048 030	8707R-001	PACOM 8707 New generation reader with OLED display, keypad and PACOM Perfect Fit guaranteed. Support for OSDP/Wiegand.
300 048 022	8705R-MP	PACOM 8707 Mounting Plate for IP54