

DATASHEET

DISPLAY READER – PACOM 8707



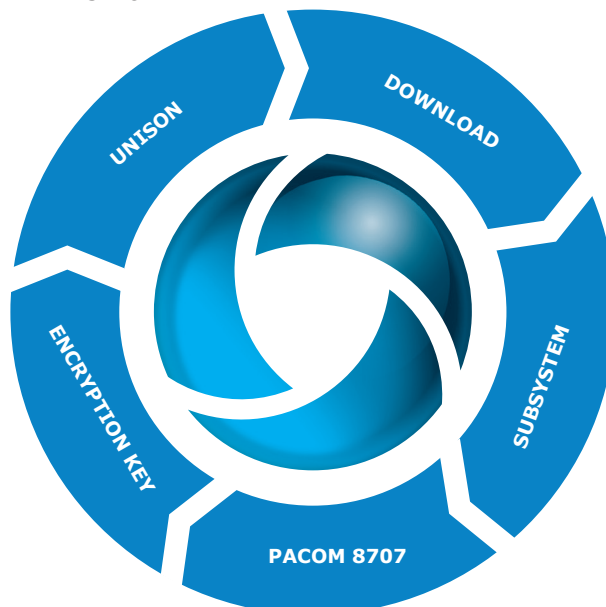
FEATURES

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

OVERVIEW

The PACOM 8707 is part of the new generation card readers and is 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 with the end user in the best possible way. The ability to customize text provides tailored communication based on needs. The backlit and clear keypad makes it suitable for dark environments. The card reader is designed for both indoor and outdoor installation in tough climate conditions.

Pacom 8707 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 Unison and then downloaded to the card reader. The PACOM 8707 manages MIFARE Classic, MIFARE Plus (levels 1 & 3) and MIFARE DESFire EV1 + EV2.



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TECHNICAL SPECIFICATIONS

<p>VOLTAGE SUPPLY 10-30 VDC</p> <p>POWER CONSUMPTION AT 24 VDC Typical 55 mA, Max. 100 mA</p> <p>TAMPER PROTECTION Yes</p> <p>CARD TECHNOLOGIES MIFARE, MIFARE Plus, DESFire EV1 + EV2*, support for ISO14443 A/B* compatible card. MIFARE CSN 4 and 7 byte</p> <p>READING DISTANCE 50-80mm</p> <p>AVAILABILITY OLED display with wide angle view. Tactile indication of keypad (button 5).</p>	<p>STATUS INDICATORS OLED-screen, RGB-LED and buzzer</p> <p>SCREEN TYPE OLED</p> <p>SCREEN RESOLUTION 128x64</p> <p>DIMENSIONS B=74 mm, H=134 mm, D=31 mm</p> <p>WEIGHT 240 g</p> <p>FREQUENCY 13.56 MHz</p> <p>ENCRYPTION KEY DOWNLOAD Downloading encryption keys from Unison**</p>	<p>INTERFACE RS485, Wiegand</p> <p>COMMUNICATION OSDP 2 (incl. secure transfer with AES128), Wiegand</p> <p>ADDRESSING 1 to 4</p> <p>ENVIRONMENT -40°C - +60°C at up to 95% humidity. IP54 rated (with mounting plate 8705R-MP)</p> <p>CONFIGURATION Central configuration from Unison** alternatively menu in card reader.</p>
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*Support in hardware, please contact PACOM for more information.

** Available when used with Sentrion Hardware

ORDER INFORMATION

PARTNR	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