

## DATASHEET

### CM1000 EMV by CONLAN

The CM1000 EMV is a combined stand alone keypad and RFID reader for Mifare tags and cards. This device supports EMV (Europay, MasterCard, and Visa) cards or mobile wallets as access control devices (not payment transactions supported). It can be programmed directly by using the Master code and Service code.

[www.saltosystems.com](http://www.saltosystems.com)  
[www.conlan.eu](http://www.conlan.eu)

## CM1000 EMV

CONLAN

A SALTO GROUP COMPANY



**TECHNICAL DATA:**

Housing dimensions Mykey (with frame) (H x W x D):	• 50 mm x 77mm x 8.5 mm.
Housing dimensions Classic (H x W x D):	• 50 mm x 130mm x 8 mm.
Weight with Mykey housing:	• 115g - 4.05 Oz (with cable)
Weight with Classic housing:	• 160g - 5.64 Oz (with cable)
Voltage range:	• 9 to 24 VDC / -5% + 0% (should never exceed 24VDC).
IP:	• IP67
Environmental conditions:	• Temperature: -35°C to 66°C; • Humidity: 0 to 95%
Certifications:	• CE
Colors:	• Black or White finish
Power Cons. when Stand By	• Average ~14 mA
Power Cons. when Active	• Average ~23 mA
Outputs:	• 2 Open Collector outputs. (0V active)
Inputs:	• 4 Inputs: External Green LED, External Red LED, External Buzzer, REX. (0V active)

**ID TECHNOLOGIES:**

**CARDS AND TAGS:**

MIFARE / DESFire:	•
NFC:	•
EMV ISO 7816 NDEF:	•

**PIN CODE:**

PIN:	•
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**TECHNOLOGY PLATFORMS:**

**CONLAN:**

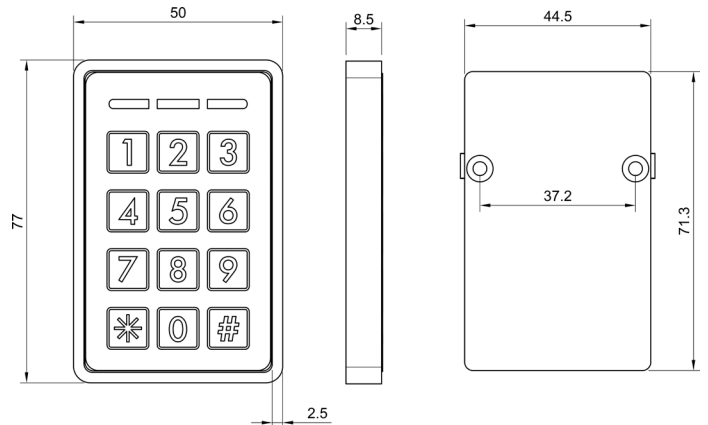
Stand Alone	•
Wiegand:	—
RS 485:	—
OSDP:	—

**VERIFICATION MODES:**

PIN code:	Up tp 190 user PIN's. 1 to 8 digit user PIN codes.
MIFARE Tags and Cards:	ISO/IEC 14443 Type A 13.56 MHz contact-less smart card standard. Up to 190 tags or cards.
EMV Cards and Wallets:	EMV (Europe MasterCard and Visa). ISO 7816 NDEF track 2 records PAN tags. Up to 190 tags or cards.

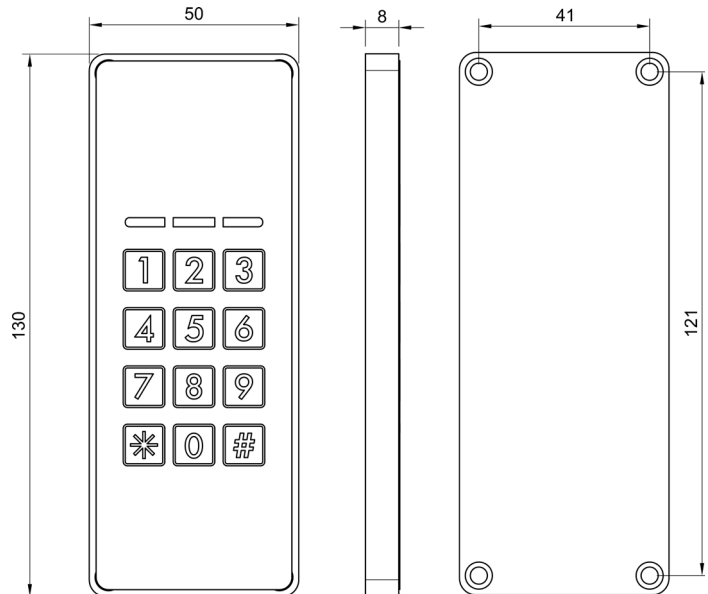
**TECHNICAL DRAWING:**

**CONLAN MYKEY SIZE:**



- Frame and label in the chosen color are included.

**CONLAN CLASSIC SIZE:**



- Label in the chosen color is included.

**OPTIONS:**

**Reader color:**

Black:	•
White:	•

**CABLE TYPE:**

8 wires white cable	• 2,5m • 8,2ft
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**ARTICLE NUMBER:**

482040	• CM1000 EMV, classic, black
480041	• CM1000 EMV, classic, white
480040	• CM1000 EMV, mykey, black
480042	• CM1000 EMV, mykey, white