



VN-CUO300-X1

Card Enrollment Reader



System Overview

VN-CUO300-X1 is a plug-and-play card enrollment reader. Connect it to a computer USB port to issue IC cards without installing a driver.

Scene

Applicable to parks, high-end office buildings, financial buildings, insurance buildings, schools, factories, venues, CBD business centers, high-end residential areas, high-level government departments, maritime safety bureaus, etc.

Technical Specification

System

Main Processor	Embedded Processor
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Basic

Status Indicator Light	1 (Green: Normal; red: abnormal)
Casing	PC+ABS
Buzzer	Yes
Communication Mode	Issues IC cards
Prompt of Succeeded in Issuing Card	Card issuer is solid green and buzzer sounds for 1 s
Prompt of Failed to Issue Card	Card issuer flashes red and buzzer sounds 3 times
Card Reading Frequency	13.56MHz
Modulation Type	AM
Frequency Range	13.56 MHz
Max Transmission Power	42 dBuA/m @10 m
Card Issuing Distance	3 cm–5 cm (1.18"–1.97")
Network Update	Yes
First-Card Unlock	Yes
Remote Verification	Yes
Blocklist/Allowlist	Yes

Features:

- PC+ABS enclosure for indoor installations.
- Supports IC cards.
- USB 2.0 plug-and-play connection; no driver installation.
- Dual-color indicator and buzzer report card-issuance success or failure.
- Management: access-control software and the VMS platform.

General

Power Supply	5 V DC, 0.5 A
Product Dimensions	105 mm × 75 mm × 20 mm (4.13" × 2.95" × 0.79") (H × W × D)
Packaging Dimensions	192 mm × 132 mm × 54 mm (7.56" × 5.20" × 2.13")
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	5%–95% (RH), non-condensing
Operating Environment	Indoor
Gross Weight	0.18 kg (0.40 lb)

Ordering Information

Type	Model	Description
Card Enrollment Reader	VN-CUO300-X1	Card enrollment reader for issuing IC cards and indoor use

Application

