

# Two-Door Web Access Controller

C-2PA



## Key Features

- Two-Door Access Controller
- 12 VDC or PoE (802.3at)
- Remote Control
- Web Service
- Ease of Operation

## Certifications and Compliance

- NDAA Compliant
- FCC

## Overview

The **C-2PA** is part of LuminyS's access control product range. LuminyS access control solutions are built for flexibility and scalability and provide reliable, secure access for applications of all sizes.

## Key Technologies

**Web-based management** allows for seamless control through a browser for simplified setup, user management, and monitoring.

**Scalability** offers flexibility and adaptability. This reader supports up to 30 doors by adding additional controllers in sub-mode.

**Bluetooth credentialing** technology offers secure, contactless access via mobile credentials, ideal for modern workplaces. Compatible with supported readers and the web controller

**Anti-passback** technology prevents reentry using the same credentials without proper exit, enforcing strict access protocols in high-security areas.

**IP66 ingress protection** ensures protection against dust and heavy rain, making it ideal for outdoor installations and rugged conditions.

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# Specifications

## System

CPU	Dual-Core 1 GHz
RAM	256 MB
ROM	4 GB
Network Protocol	TCP, P2P, DDNS, DNS, UDP, IPv4
Interoperability	CGI, ONVIF
Third-Party Compatibility	SDK, API
Status Indicator Light	<ul style="list-style-type: none"> <li>• <b>Solid Red:</b> Power On</li> <li>• <b>Solid Green:</b> Operation Normal</li> <li>• <b>Flashing Red:</b> Abnormal Power</li> <li>• <b>Flashing Blue:</b> System Updating</li> </ul>
Buzzer	Built-In

## Functions

Verification Methods	Bluetooth, Remote, Fingerprint, Password, Card, Combination
Period List	128 Periods
Holiday Period	128 Periods
Network Update	Supported
Restricted/Trusted List	Supported
External Card Reader Support	Supports Up to Two (2) RS-485 or Two (2) Wiegand Card Readers
Multi-Person Unlock	Supported
First-Person Unlock	Supported
Interlock	Supported
Anti-Passback	Supported
Real-Time Monitoring	Supported
Web Configuration	Supported
User/Card Type	General, VIP, Guest, Staff, Blocklist, Manager, Other

## Storage Capacity

User	Main Control Mode: 1,000 Sub Control Mode: 10,000
Fingerprint	3,000
Card	Main Control Mode: 5,000 Sub Control Mode: 50,000
Records	300,000
Bluetooth Card	5,000

## Interface

RS-485	Three (3) Channels
Wiegand	Two (2) Input Channels
Network	One (1) × RJ-45 10/100 Mbps Ethernet Port
Exit Button	Two (2)
Door Sensor	Two (2)
Lock Control	Two (2)

## Alarm

Interface	<b>Input:</b> Two (2) Channels <b>Output:</b> Two (2) Channels
Alarm Linkage	Supported
Event	Tamper, Duress, Door Sensor Timeout, Intrusion, Card Usage Threshold Exceeded, Duress Fingerprint

## Electrical

Power Supply	12 VDC or PoE (IEEE 802.3at Type 2, Class 4)
Standby (No External Devices):	≤ 2 W
Working:	<ul style="list-style-type: none"> <li>• <b>Total Power Budget (DC):</b> 1700 mA at 12 V for External Devices</li> <li>• <b>Total Power Budget (PoE):</b> 1200 mA at 12 V for External Devices</li> </ul>

## Construction

Net Weight	1.6 lb (0.7 kg)
Gross Weight	2.2 lb (1.0 kg)
Product Dimensions (L x W x H)	7.3 in. × 7.3 in. × 2.3 in. (186.4 mm × 185.8 mm × 58.3 mm)
Package Dimensions (L x W x H)	10.0 in. × 9.6 in. × 3.4 in. (254.0 mm × 243.0 mm × 86.0 mm)
Operating Temperature	14 °F to 131 °F ( -10 °C to 55 °C) 5% to 95% (RH), Non-Condensing
Protection Ratings	IK06
Material	PC and ABS
Installation Method	Guide Rail Mount, Surface Mount

## Certifications and Compliance

Certifications	FCC
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## Dimensional Drawing

