Four-Door Web Access Controller

C-4MA

Key Features

- Supports up to 100,000 Users, 100,000 Cards, 100,000 Bluetooth Credentials, and 500,000 Records
- Verification Methods: Bluetooth, Remote, Password, Card/Fob, and Combination
- Nine (9) RS-485 Channels to Support up to Eight (8) External RS-485 or Wiegand Card Readers
- Supports ONVIF Profile C and OSDP
- Web-Based Configuration
- Compatible with LumiViewer Desktop Client and Mobile App for Seamless Management

Certifications and Compliance

- NDAA Compliant
- FCC, IC

Learn More

Learn more about this product's key technologies.

Overview

The **C-4MA** is part of the Luminys access control product family. Luminys access control solutions are built for flexibility and scalability and provide reliable, secure access for applications of all sizes.

Key Technologies

Multi-credential verification combines card, password, and Bluetooth authentication with remote verification and multi-factor authentication support, enabling flexible and layered access policies suited to high-security environments.

The **LumiViewer desktop client and mobile app** allows for seamless management of up to sixteen (16) devices simultaneously, supporting up to 64 door channels from a single software interface.

Bluetooth credentials provide convenient, contactless entry. Using the LumiViewer mobile app, users can use a smartphone as their entry credentials. The C-4MA includes up to 100,000 Bluethooth credentials; users can be assigned up five (5) credentials for a maximum of 20,000 users.

Specifications

System

Network Protocol	TCP, P2P, UDP, IPv4, IPv6
Interoperability	ONVIF Profile C, OSDP
Third-Party Compatibility	SDK, API
Compatible Platforms	LumiViewer Desktop Client (Windows) and Mobile App (Max. 64 Door Channels or Up to 16 C-4MA Units Managed Simultaneously)
Speaker	Built-In

Functions

Verification Methods	Bluetooth, Remote, Password, Card/Fob, Combination
Period List	128 Periods
Holiday Period	128 Periods
Network Update	Supported
Restricted/Trusted List	Supported
External Card Reader Support	Supports Up to Eight (8) RS-485 or Eight (8) 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

Maximum Storage Capacity

User	100,000
Card/Fob Credentials	100,000
Records	500,000
Bluetooth Credentials[1]	100,000

1. Up to five (5) Bluetooth credentials may be allocated to a user. Assigning a user more than one Bluetooth credential will reduce the number of Bluetooth credentials available to other users. A maximum of 20,000 users can be supported if each user is assigned five (5) Bluetooth credentials.

Interface

RS-485	Nine (9) Channels (Eight (8) Ports for Card Readers, One (1) Port Reserved for Extension Use)
Wiegand	Eight (8) Input Channels
Network	One (1) × RJ-45 10/100 Mbps Ethernet Port
Exit Button	Four (4)
Door Sensor	Four (4)
Lock Control	Four (4)

Alarm

Interface	**Input:** Five (5) Channels • Channel 1: Heat Alarm Connection; • Channels 2–3: Event Alarms with Four States — Normal, Alarm, Short Circuit, Open Circuit • Channels 4–5: Standard, Expandable to Eight (8) via External Alarm Module **Output:** Four (4) Channels
Event	Tamper Alarm, Duress Alarm, Door Sensor Timeout, Intrusion, Card Usage Threshold Exceeded

Electrical

Power Supply *(Power Cord Not Included)*	Switching Power Supply (AC to DC, AC 100–240 V, 4 A; DC 12 V, 12.5 A) Backup Battery Supported *(Not Included With Purchase)*
Power Consumption	**Standby**: ≤ 3 W **Working**: Varies With Connected External Devices

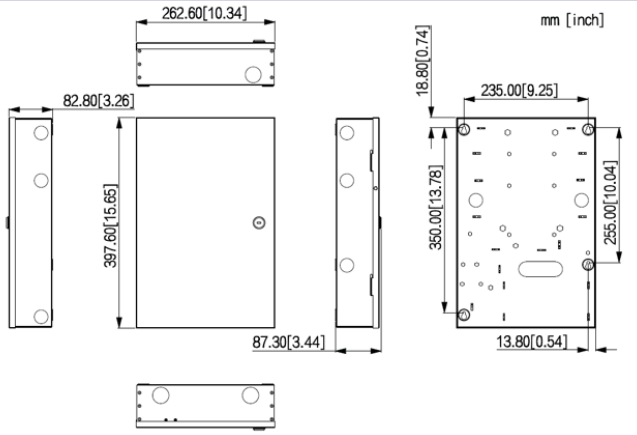
Construction

Net Weight	2.9 kg (6.4 lb)
Gross Weight	3.7 kg (8.1 lb)
Product Dimensions (L x W x H)	397.6 mm × 262.6 mm × 82.8 mm (15.7 in. × 10.3 in. × 3.3 in.)
Package Dimensions (L x W x H)	473.0 mm × 353.0 mm × 162.0 mm (18.6 in. × 13.9 in. × 6.4 in.)
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	5% to 95% (RH), Non-Condensing
Operating Environment	Indoor
Casing Material	SGCC Galvanized
Installation	Surface Mount

Certifications and Compliance

Certifications	FCC, IC
Compliance	NDAA

Dimensional Drawing



Packaging Information

Included Components

Below are the included components when purchasing the product.

Quantity	Component
1	4-Door Web Access Controller (Luminys SKU: C-4MA)
11	Input/Output Blocks
1	Set of Keys
4	Zip Tie
8	Screw
1	Battery Cable
1	Quick Start Guide
1	Regulatory Information

Rev. 1 | © 2026 Luminys Systems Corporation. All rights reserved. Design and specifications are subject to change without notice.