

Facial Recognition Terminal

C-F4A



Key Features

- 4.3-in. LCD Touchscreen
- 2MP Dual-Lens Camera
- Supported Authentication Methods: Card, PIN/Password, Facial Recognition
- Stores Up to 20,000 Users/Passwords, 50,000 Cards, and 300,000 Event Records
- Max. Facial Recognition Distance: 1.5 m
- Max. Recognition Speed: 0.2 s
- Recognition Accuracy of 99.9%
- Ethernet + 2.4 GHz Wi-Fi (802.11 b/g/n)
- 12 VDC and PoE Power Supply
- IP65 Ingress Protection Rating

Certifications and Compliance

- NDAA Compliant
- FCC

Learn More



Learn more about this product's key technologies.

Overview

The **C-F4A** is part of the Luminys 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

Dual-lens, high-speed facial recognition allows the terminal to verify users within 0.2 seconds and recognizing spoofing attempts using photos or video. This terminal is ideal for high-risk, busy environments.

Multi-credential capability allows for different authentication methods or credentials to provide flexible and secure access control options.

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

IP65 Ingress protection ensures protection against dust and heavy rain, making it ideal for outdoor installations and rugged conditions.

Specifications

System

Operating System	Linux
Network Protocol	SIP, TCP, RTP, P2P, UDP, RTSP, IPv4
Interoperability	CGI, ONVIF
Third-Party Compatibility	SDK, API, OSDP

Network

Interface	One (1) RJ-45 10/100 Mbps Ethernet Port
WiFi Radio Frequency	2.4 GHz
Wireless Standard	IEEE802.11b/802.11g/802.11n

Functions

Verification Methods	Face Recognition, IC Card, Password, Remote (Mobile, PC, Web Client)
Accepted Card Type(s)	IC Card
Card Reading Frequency	13.56 MHz (MIFARE)
Card Reading Distance	0.0 cm to 3.0 cm (0.0 in. to 1.2 in.)
Face Recognition Height	1.1 m to 2.0 m (3.6 ft to 6.6 ft)
Face Recognition Distance	0.3 m to 1.5 m (1.0 ft to 4.9 ft)
Face Recognition Accuracy	99.9%
Face Recognition Speed	0.2 s
Multi-Face Recognition	Up to Six (6) Faces Simultaneously
First-User Authentication	A designated "First" user must authenticate themselves before other users can be verified.

Maximum Storage Capacity

User	20,000
Face	20,000
Card	50,000
Password	20,000
Event	300,000

Interface

Power	One (1) DC Power Port
PoE Port	One (1) RJ-45 Port With PoE Support (IEEE 802.3at)
RS-485	One (1) Port
Wiegand	One (1) Port
Lock Control	Two-Wire Connection
Door Sensor	One (1) Sensor
USB	One (1) USB-A Port
Exit Button	One (1) Button

Alarm

Interface	Input: One (1) Channel Output: One (1) Channel
Alarm Linkage	Supported
Event	Tamper, Duress, Anti-Passback, Unlock Timeout, Intrusion, Usage Threshold Exceeded

Electrical

Power Supply	12 VDC or PoE (IEEE 802.3at Type 2, Class 4)
Power Consumption	≤ 12 W

Construction

Gross Weight	0.7 kg (1.5 lb)
Product Dimensions (L x W x H)	180.1 mm × 90.1 mm × 27.0 mm (7.1 in. × 3.6 in. × 1.1 in.)
Package Dimensions (L x W x H)	268.0 mm × 136.0 mm × 78.0 mm (10.6 in. × 5.4 in. × 3.1 in.)
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	0% to 90% (RH), Non-Condensing
Protection Ratings	IP65
Casing Material	PC and GF
Installation	86.0 mm (3.4 in.) Junction Box Mount, Turnstile Mount, Surface Mount, Wall Mount

Certifications and Compliance

Certifications	FCC
Compliance	NDAA

Dimensional Drawing

mm [in.]

