

NX-2052

Offline RFID & PIN Access Controller

Card, PIN, or combined access — 2,000 user capacity
— plug-and-play offline controller with tamper alarm



The Nexakey NX-2052 is a compact offline standalone access controller combining RFID card reading and PIN keypad entry in a single flush-mount unit. Supporting up to 2,000 user cards and 15 password groups, it operates independently without network infrastructure — ideal for small offices, server rooms, and residential buildings. Built-in Wiegand26 output enables seamless integration into networked access control systems when required. The tamper alarm, touch-key panel, and multi-mode access options make the NX-2052 a reliable and flexible entry-level access control solution.

KEY FEATURES

- ✓ **Triple Access Modes** — open doors via RFID card, PIN password, or card + PIN combination — admin selectable per user
- ✓ **2,000 User Card Capacity** — stores up to 2,000 RFID cards and 15 password groups — suitable for offices and residences
- ✓ **Offline Standalone Operation** — no network or PC required — operates independently for simple, reliable access control
- ✓ **Wiegand26 Output** — supports integration with network-based access controllers and third-party security systems
- ✓ **Active Tamper Alarm** — built-in tamper detection triggers external alarm output if the unit is forcibly removed
- ✓ **Touch-Key Backlit Panel** — bio-intelligent all-touch keys with backlight for easy use in low-light conditions

APPLICATIONS

- Small Offices & Commercial Buildings
- Server Rooms & IT Infrastructure
- Residential Apartments & Compounds
- Retail Shops & Storage Areas
- Schools & Educational Institutions
- Hotels & Hospitality Properties

TECHNICAL SPECIFICATIONS

Model	NX-2052	Type	Offline Standalone Access Controller
Access Methods	RFID Card / PIN / Card + PIN	Card Capacity	2,000 Users
Password Groups	15 Groups	Card Read Distance	5 ~ 15 cm
Card Type	EM / ID (125KHz RFID)	Panel Type	Bio-Intelligent All-Touch Keys
Lock Output	3A (Relay)	Alarm Output	100mA
Wiegand Output	Wiegand26 Format	Power Supply	DC 12V ± 10%, <0.1A
Dimensions	116 × 116 × 20 mm	Color	Ash White & Black
Certifications	CE, RoHS	Warranty	24 Months

CERTIFICATIONS

CE

RoHS

NEXAKEY

IT & Security Automation

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