

NX52

Online Fingerprint Time & Access Terminal

5,000 fingerprints, TCP/IP — real-time HR integration — 32-bit DSP, WG26/34, free software & SDK included



The Nexakey NX52 is a professional online fingerprint time attendance terminal powered by a 32-bit DSP processor with advanced biometric algorithms for fast, accurate identification. Supporting up to 3,000 fingerprint templates and 200,000 transaction records, it is suitable for mid to large enterprises requiring reliable employee attendance management. The 2.8-inch TFT LCD displays employee name and fingerprint image during verification. TCP/IP, RS485, USB, and Wiegand 26/34 interfaces enable flexible integration with existing access control and HR systems. Free software and SDK are included for seamless deployment.

KEY FEATURES

- ✓ **32-bit DSP Processor** — advanced biometric algorithm delivers fast, stable fingerprint matching with industry-leading accuracy
- ✓ **3,000 Fingerprint Capacity** — stores up to 5,000 fingerprint templates — sufficient for SME-level workforce management
- ✓ **200,000 Record Capacity** — large on-device transaction log retains months of attendance history without data loss
- ✓ **2.8-inch TFT LCD Display** — high-resolution color screen shows employee name and live fingerprint image during verification
- ✓ **TCP/IP High-Speed Communication** — network connectivity enables real-time data sync with HR and access control software
- ✓ **Free Software & SDK** — complete attendance management software and developer SDK included at no extra cost

APPLICATIONS

- Corporate Offices & Commercial Buildings
- Manufacturing Plants & Factories
- Schools & Educational Institutions
- Healthcare Facilities & Hospitals
- Retail Chains & Shopping Centers
- Government & Public Institutions

TECHNICAL SPECIFICATIONS

Model	NX52	Type	Online Fingerprint Time Attendance
Processor	32-bit DSP CPU	Display	2.8-inch TFT LCD Color Screen
Fingerprint Capacity	5,000 Templates	Record Capacity	200,000 Transactions
Verification Modes	Fingerprint / PIN / ID Card (Optional)	False Acceptance Rate	< 0.0001%
Identification Speed	< 1 Second	Communication	TCP/IP, RS485, USB, U-Disk
Wiegand	WG26 / WG34 Input & Output	USB Interface	High-Speed USB (10× Standard Speed)
Lock Control	Yes — Delay Configurable	Optional	Battery Backup, ID / Mifare Card
Certifications	CE, FCC, RoHS	Warranty	24 Months

CERTIFICATIONS



NEXAKEY

IT & Security Automation
www.thenexakey.com

CONTACT

info@thenexakey.com
+86 198-7551-4301

ADDRESS

H020 3/Farid, 42-46 Tai Lin Pai Rd,
Kwai Chung, Hong Kong