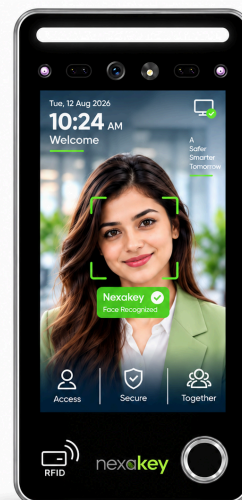


VERO 5 SERIES

NX-V550-FGB

Portable Face & Fingerprint Attendance Terminal, 4G
+ GPS

TIER 5 PRO · PORTABLE

**5.0"**IPS TOUCH
SCREEN**< 0.2 s**FACE
RECOGNITION**5**WAYS TO
VERIFY**4G**FIELD
CONNECTIVITY**01 OVERVIEW**

NX-V550-FGB takes attendance to the people instead of bringing people to a wall terminal. It recognises a face in under 0.2 seconds, also accepts fingerprint, card, PIN or QR code, and runs on its built-in battery inside a shoulder bag. With 4G on board it reports from the field with no office network behind it — built for construction sites, factory gates and transport, field teams, security and events across Bangladesh.

02 KEY FEATURES**01 Goes where the people are**

Built-in backup battery and an aluminium body in a carry bag with a shoulder strap, so the roll call happens at the gate, on the bus or at the site boundary — no wall, no cabling, no network on site.

03 Five ways to verify

Face, fingerprint, card, PIN or QR code — singly or combined, so a site with no enrolled faces can still start on cards the same day.

05 Works in sun, darkness and backlight

White LED and dual infrared fill light switch automatically with ambient light — what an outdoor gate at noon and at 9 pm both need. Masks stay on: it recognises a face with a mask in place.

07 Also a full access controller

Relay and alarm outputs, fire input, door sensor, exit button, doorbell, tamper alarm, anti-passback and interlock — it runs a door as well as a roll call.

02 Face in under 0.2 seconds, 0.5–2.5 m

Recognition distance is adjustable, so a queue keeps moving without anyone stopping to line up a face.

04 A photo will not get anyone through

A second infrared camera runs a live-face check and rejects photographs and video played back on a screen — the usual way a buddy punch is attempted.

06 4G for attendance from the field

A 4G module alongside Wi-Fi and LAN, so a site with no office network still reports in. GPS is on board; see the note under Connectivity.

03 FIVE WAYS TO VERIFY



FACE
< 0.2 s



FINGERPRINT
10,000



CARD
EM 125 kHz



PIN
keypad entry



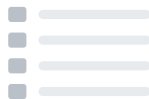
QR CODE
read by camera

04 BUILT TO BE CARRIED

A FIXED WALL TERMINAL



WALL + POWER + NETWORK



Everyone has to walk to the machine, and the machine never leaves the wall.

NX-V550-FGB, CARRIED TO THEM



BATTERY + BAG



The roll call happens at the gate, on the bus or at the site boundary — no wall, no cabling, no network.



WORN ON THE SHOULDER — HANDS FREE AT THE GATE



CARRY BAG WITH SHOULDER STRAP AND HAND GRIP, SCREEN AND READER EXPOSED

05 WHERE IT IS USED

Construction Sites

Roll call at the site boundary, no cabling, no wall.

Factory Gates & Transport

Shift change at the gate or on the staff bus.

Field & Sales Teams

Attendance taken where the team actually works.

Security & Guard Posts

Patrol handover logged on the spot.

Events & Training

Delegate check-in that packs away afterwards.

Temporary Offices

A site office running before the network is in.

06 IN THE BOX & RELATED MODELS

NX-V550-FGB portable attendance terminal

Carry bag with shoulder strap and hand grip

Adapter, cards and any other supplied items are being confirmed and are not listed here.

NX-V550-FWB

Portable Face & Fingerprint Attendance Terminal, Wi-Fi

NX-V750-FW

Fixed Face Recognition Terminal, 7-Inch

NX-V543-FW

Fixed Face Recognition Terminal, 5-Inch

07 TECHNICAL SPECIFICATIONS

DISPLAY & INTERFACE

Display 5.0-inch IPS touch screen, 720 × 1280

Languages English, Arabic, French, Spanish, Portuguese, Russian, Turkish, Thai, Vietnamese, Japanese, Farsi; customisable

RECOGNITION

Verification Face, fingerprint, card, password, or a combination

Face recognition speed Less than 0.2 s

Face recognition distance 0.5–2.5 m, adjustable

Anti-spoofing Live-face detection — rejects photos and videos

Mask detection Detects masks and recognises faces with a mask on

Cameras 2 MP colour camera with WDR + 2 MP infrared camera for live-face check

Fill light White LED and dual infrared, automatic by ambient light

Lighting conditions Normal light, strong light, darkness and backlight

CREDENTIALS

Card type EM 125 kHz standard; 13.56 MHz IC card optional

QR code Read by the face camera

Face / card / password capacity 5,000 (50,000 optional)

Fingerprint capacity 10,000 (100,000 optional)

Log capacity 500,000

CONNECTIVITY

Mobile 4G

Positioning GPS module on board

Network TCP/IP, Wi-Fi

Local interfaces USB, RS485, Wiegand 26/34

ACCESS CONTROL

Outputs 1 relay output, 1 alarm output

Inputs 1 fire input, door sensor, exit button, doorbell

Security functions Tamper alarm, anti-passback, interlock

PROCESSING

Processor Dual-core 1.2 GHz with 0.6 TOPS AI engine

Operating system Linux

POWER & PORTABILITY

Power DC 12 V, 2 A

Battery Built-in backup battery

Carry bag Included — shoulder strap and hand grip

MECHANICAL & ENVIRONMENT

Housing Aluminium alloy

Dimensions 188 × 80 mm

Working temperature 0–45 °C

Battery runtime and the supported 4G bands for Bangladeshi operators are being confirmed and are not stated here. Confirm both with your Nexakey supplier before tender.

08 SUPPORT & ORDERING

Installation & Commissioning

Enrolment, shift rules and door wiring set up on site, with handover training for whoever runs the roll call.

Local Service Network

Service and spare-part support through branches in Dhaka, Chattogram and the divisional offices.

Software & Integration

Attendance export and integration with existing payroll or HR systems, plus Wiegand and RS485 links to access control already on the door.

Project & Tender Support

Specification text and quantities for construction, RMG, corporate and government tenders.

MODEL	DESCRIPTION	AVAILABILITY
NX-V550-FGB	Portable Face & Fingerprint Attendance Terminal, 4G + GPS	Indent Order
NX-V550-FWB	Portable Face & Fingerprint Attendance Terminal, Wi-Fi	Indent Order
NX-V750-FW	Fixed Face Recognition Terminal, 7-Inch	Indent Order
NX-V543-FW	Fixed Face Recognition Terminal, 5-Inch	Indent Order

Availability indicative. Confirm lead time and commercial terms with your Nexakey supplier at order. Prices on request.