suprema
BIOMETRICS & SECURITY

NOVUS

Versatile, Flexible, and Powerful

Time and Attendance/Workforce Management
Multimedia Workstation

Suprema NOVUS is a versatile, powerful, and fully modular enterprise-class product, designed for use in any Time and Attendance or Workforce Management application.

Using Android 8 Oreo, NOVUS provides a defined and supported environment that allows partners and integrators the ability to deploy new or existing Android applications – complementing, supporting, and extending their current mobile platform functionality.

Create Your Bespoke Workstation

Designed with a fully modular structure, NOVUS provides the world's best fingerprint biometrics; high-speed, flexible wired and wireless communications for virtually any connectivity requirement; a powerful processor for the most demanding end-user facing applications; a large, easy to read touchscreen display; versatile card reader support; and a host of other standard and optional features that provide the rapid configurability needed to meet the demands of any end-user site requirement.

Advantages at a glance

- Large 7" display with rugged capacitive touchscreen
- Open platform for easy integration of a customized user interface
- Supports virtually all credentials for enhanced accuracy and flexibility (RFID card, Magnetic stripe card, Mobile card)
- Suprema high-performance fingerprint biometrics
- Powerful platform using a quad-core processor, up to 4GB RAM/8GB of Flash, with expansion using USB ports and a SD slot
- Options include Wi-Fi, Backup Battery, GPS, 4G cellular modem, Wiegand interface, Relays, Keypad, and 2Mp camera
- LED indicators for DC power status, network connectivity, and battery state

SPECIFICATIONS

* ●: Default ○: Optional

Hardware

Keypad	○ (NVS07-D1) ● (NVS07-D1K model includes 25 keys tactile)
7” touchscreen	● (XGA, 1024x768)
CPU	● (1.0 GHz Quad-core)
Camera	● (1 megapixels)

Reader

Fingerprint reader	○ (Optical sensor, Embedded Suprema algorithm)
RFID reader	○ (R1 : 125kHz EM, & 13.56MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, HID iCLASS SE/SR/Seos (UID Only), Legic Advant (UID Only)
	○ (R2 : 125kHz EM, HID Prox & 13.56MHz MIFARE, MIFARE Plus, DESFire/EV1, FeliCa, HID iCLASS SE/SR/Seos, Legic Advant (UID Only)
	○ (R3 : 125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire/EV1, Legic Advant/Prime(Planned)
Magnetic strip card reader	○ (3 Tracks)
Mobile card reader	○ (NFC)

Interface

Ethernet	● (10/100 Mbps, auto MDI/MDI-X)
Wiegand	● (1ch input)
RS-232	● (RXD, TXD. CTS. RTS)
Wi-Fi	○ (IEEE 802.11 b/g/n/ac)
GPS	○ (A-GPS, GPS L1, GLONASS L1, QZSS L1, Galileo E1)
GSM	○ (Sierra GL7500)
USB	● (USB2.0, HOST)
SD card	● (microSD, Supports up to 32GB)

I/O

Relay	● (2ch)

Power supply

PoE	● (IEEE 802.3at compliant)
Adaptor	● (12 VDC)
Uninterrupted power supply (Battery)	○ (3400mAh)

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