



Nymi Band™ 4

Technical Specifications
v1.1



Key Features

- Multi-factor biometric authentication
- On-body detection

Outputs

- OLED monochrome display (64x48 px)
- Haptic feedback

Connectivity

- Bluetooth Low Energy (BLE) v5.4
- Near-Field Communication (NFC)

Sensors

- Fingerprint
- Accelerometer
- Optical proximity sensor

Device

- One-size-fits-all design
- Touch-button navigation

Secure Credentials

- FIDO2
- FIDO (U2F)
- Nymi PKI
- Legic Advant²
- HID Seos²

Battery

- Built-in rechargeable Li-ion battery
- Typical 3-day battery life¹

Charger

- USB-A powered magnetic charging cable
- Optional charging cradle for wall mounting

Security

- AES and ECDSA for encryption and authentication
- On-device biometric matching
- Secure over-the-air firmware upgrades

Environment

- IP66 & IP67 Ingress Protection
- 0° to 45° C operating temperature

Material

- Hypoallergenic
- ISO 10993-1 biocompatible
- Polycarbonate body
- TPU strap

Compliance

- FCC: USA
- IC: Canada
- CE: Europe
- UKCA: United Kingdom
- MIC: Japan
- CMIIT: China
- IMDA: Singapore
- KC: Korea
- BIS: India
- RoHS & REACH

Sanitization

Recommended sanitization process: spray the Nymi Band with an isopropyl alcohol based solution and wipe down with a microfibre cloth

1. Based on 300 NFC taps over 10 hours

2. A compatible Nymi Band is required

Dimensions



Depth: **9.2mm** Width: **33mm**
Weight: **25g** Length: **36mm**

