SOC 2 Compliant | CCPA Compliant | GDPR Compliant | BIPA Compliant

The Keyo Wave is small but mighty.

Only 3 inches in diameter and packing more processing power than many laptops, the Keyo Wave is the most powerful, accurate, and user friendly biometric hand scanner on the market.

Keyo Wave Specifications

Dimensions:
Width: 84mm
Height: 37mm

Weight:
3 oz

Color:
Black

Mounting:
Desktop, Wall, Flush-mount (e.g. Kiosk)

Interface Connector:
USB Type-C

Host Interface:
USB Type-C to USB Type-C for Data and Power
Bluetooth (Q1 2023)
Optional IoT Module (Q2 2023)

Interface Cable:
A cable with a length of 6" is included with this product.

Tamper Detection:
Battery-backed, tamper detection circuit for enclosure
Tamper resistant screws

Ingress Protection:
IP65 waterproof protection

Power Consumption:
Nominal: 3-6W
Capture Mode: 12-15W
Sleep Mode: < 1W (Q2 2023)

Power:
5.0VDC - 5.5VDC

Installation Enviroment:
Temperature: 0 to 70 degrees Celsius

Humidity: 10 to 90% RH

Installation Angle: Any direction

Lighting Environment:
Natural light (sunlight): Below 2000 lux
Fluorescent light: Below 2000 lux
Incandescent/Halogen lamps: Below 500 lux

Reading System:
Visible and near-infrared light capture

Capturing Distance:
6in (152mm) for Enrollment

6in - 10in (152 - 254mm) for Identification

User Feedback:
Full range audio and buzzer

Multi-color, LED light-ring

Keyo Wave Specifications

Authentication Method:

Palm vein biometrics

Palm print biometrics

SDK:

1:1 and 1:N recognition method

Recognition time of 1-2 seconds

Encryption:

256-Bit vector encryption

OS:

WIndows 10+, Mac (Intel and M1), Linux

Android & iOS

Scope of capture:

Entire Hand

2-modality multi-spectral scanning

(Increasing to 13 modalities through Q1 2023 no hardware updates needed)

Patent pending EasyScan™ technology for superior capture of angled or cupped hands.

RFID and QR Codes Supported

SPECS

84.16 mm
3.31 in

84.16 mm
3.31 in

32.25 mm
1.27 in

84.16 mm
3.31 in

32.25 mm
1.27 in

3.94 mm
.16in