

# Keyo Wave+ Spec Sheet



## Dimensions

Width	3.31in (84.16mm)
Length	10.35in (262.8mm)
Depth	2.97in (75.1mm)

## Reading system

Visible and near-infrared light capture

## Capturing Distance

Enrollment	6in (152mm)
Identification	6 to 10in (152 to 254mm)

## Mounting

Desktop

## Color

Black

## Interface Connector

USB Type A cable, hard-wired (Wave scanner)

USB Type C, hard-wired (Android device)

## External USB Hub

An external USB Type C hub is included which powers both the Android device, the Wave scanner and provides a 100/1000Mbps ethernet interface.

## Host Interface

10/100 Ethernet (via external hub)
Wifi

## Power Consumption

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

Power Source	5.0VDC - 5.5VDC
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## User Feedback

Multi-color, LED light-ring
Piezo buzzer
Full-range audio (Q3 2023)

## Tamper Detection

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

## Installation Environment

Installation Angle	Any direction
Temperature	0-70°C

## Lighting Environment

Natural light (sunlight)
Fluorescent light
Incandescent/Halogen lamps

Storage Temperature	5-50°C
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Operating Temperature	10-35°C
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Authentication Time	1-2 seconds
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## Encryption

TLS 1.2 Transport encryption
RSA 2048 Biometric data encryption

## Scope of Capture

Entire hand
2-modality, multi-spectral scanning (Increasing to 13 modalities through Q1 2023 no hardware updates needed)
Patent pending technology for superior capture of angled or cupped hands
RFID and QR Codes supported (Q3 2023)

**SDK**

1:1 and 1:N recognition method  
Recognition time of 1-2 seconds

**OS**

Windows 10+, Mac (Intel and M1), Linux  
Android and iOS (Q2 2023)

**Dimensions**



