

Nix Mini 2

Product specifications - v1.2



Form factor

Weight	25g (0.9oz) (Accessories not included in weight)
Dimensions	25mm X 40mm X 40mm (0.98" X 1.57" X 1.57")
Materials	Ultrasonically welded PC/ABS blend
Haptics	N/A
Features	Scratch-resistant glass lens Dust and water-resistant Included lanyard for easy carrying

Performance

Measurement speed	1 reported scan/second
Optical resolution	Tristimulus colorimeter (CIE XYZ)
Spectral visible range	N/A
Repeatability	0.1 ΔE_{00} on white (D50, 2°, to mean of 10 measurements every 3 s on white, at a temperature of 23°C)
Inter-instrument agreement	<0.5 ΔE_{00} on a selection of wide gamut paint tiles
Temperature range	10°C – 35°C
Humidity	0% – 80% non-condensing

Optics

Measurement geometry	45°:0° optics
Measurement port	13 mm (0.51") diameter
Measurement aperture	N/A
Illumination spot size	N/A
Light source	2x High CRI, broad spectrum white LEDs
Adapters	N/A

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Calibration

Each unit individually factory calibrated
Integrated/automatic temperature compensation

Colorimetry data

CIEXYZ, CIELAB, LCH(ab), RGB, CMYK, and more
Reference illuminant and observer: D50/2°, D65/10°

Software development kit

iOS and Android (BLE); Windows (USB)
Bluetooth requirements: Bluetooth 4.0
Android: Android SDK level 21 (Android 5.0 Lollipop) and above. SDK written in Java
iOS: iOS 11.0 and above. SDK written in Objective C
SDK contains Bluetooth connectivity routines, commands to request scan in XYZ, or Lab

Connectivity

Bluetooth Low Energy

Reflectance measurement

Measurement Conditions:
M2 – UV excluded – ISO 13655:2017

Battery life + charging

Micro USB charging of internal Lithium Ion Battery
60 day (2 month) standby time per charge (device advertising on BLE)
3,000+ scans per charge

Packaging + accessories

Micro USB charging cable
Nix lanyard
Quick Start Guide

Warranty + expected product lifespan

12 months from date of sale, warranty for manufacturer's defects (does not cover user damage)

