

# Nix Pro 2

## Product specifications - v1.3



### Form factor

<b>Weight</b>	50g (1.8oz) (Accessories not included in weight)
<b>Dimensions</b>	42mm X 60mm X 60mm (1.65" X 2.36" X 2.36")
<b>Materials</b>	Ultrasonically welded PC/ABS blend
<b>Haptics</b>	N/A
<b>Features</b>	Scratch-resistant glass lens Dust and water-resistant Included lanyard for easy carrying

### Performance

<b>Measurement speed</b>	1 reported scan/second
<b>Optical resolution</b>	Tristimulus colorimeter (CIE XYZ)
<b>Spectral visible range</b>	N/A
<b>Repeatability</b>	$<0.1 \Delta E_{00}$ on white (D50, 2°, to mean of 10 measurements every 3 s on white, at a temperature of 23°C)
<b>Inter-instrument agreement</b>	Inter-Instrument Agreement: $<0.4 \Delta E_{00}$ on a selection of wide gamut paint tiles
<b>Temperature range</b>	10°C – 35°C
<b>Humidity</b>	0% – 80% non-condensing

### Optics

<b>Measurement geometry</b>	45°:0° optics
<b>Measurement port</b>	14 mm (0.55") diameter
<b>Measurement aperture</b>	N/A
<b>Illumination spot size</b>	N/A
<b>Light source</b>	4x (2x 5000K and 2x 6500K high-performance, high-CRI, broad-spectrum, white)
<b>Adapters</b>	N/A

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### Calibration

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Each unit individually factory calibrated  
Integrated/automatic temperature compensation

### Colorimetry data

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

### Software development kit

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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

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Bluetooth Low Energy

### Reflectance measurement

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

### Battery life + charging

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USB Micro charging of internal Lithium Polymer Battery  
180 day (6 month) standby time per charge (device advertising on BLE)  
5,000+ scans per charge

### Packaging + accessories

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Micro USB charging cable  
Nix lanyard  
Microfiber carrying pouch  
Quick Start Guide

### Warranty + expected product lifespan

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

