

PX130 SERIES

Advanced AI. Instant Decoding.

Advanced AI algorithms across the entire series.
Medication, wristbands, specimens and IV labels -
accurate reads in milliseconds for error-free workflows.



Advanced AI
Decoding



1D / 2D
Barcode Support



Plug and Play



Multi-OS
Compatibility

One scanner for medication, wristbands, lab specimens and point-of-care barcodes.

Product Features

Advanced AI for instant decoding

Reads 1D, QR Code, Data Matrix and PDF417 barcodes on medication, patient wristbands, lab specimens and IV labels - in milliseconds, for error-free workflows.

Driver-free, broadly compatible deployment

Multiple keyboard languages and major OS support. Ready out of the box, with no driver installation or IT setup, so clinical teams can get started immediately.

ESD protection and interference resistance

Reliable scanning near sensitive laboratory instruments, operating-room equipment and automated pharmacy lines, even in challenging electromagnetic environments.

Responsive trigger, healthcare-focused design

Fits different hand sizes with a responsive trigger and comfortable grip for frequent pharmacy scans and extended ward rounds.



Technical Specifications

Scanning Performance

Illumination	White LED
Aiming	Green dot
Image Sensor	800 x 600 pixels (approx. 0.5 MP)
Min. Resolution	3 mil
Min. Print Contrast	20% reflectance difference
Field of View	Horizontal 46.6°; vertical 38.2°
Reading Angles	Roll: 0-360°; skew: 60°; pitch: ±60°

Supported Symbolologies

1D: Auto-discrimination of all standard linear barcodes, including GS1 DataBar. 2D: Aztec Code; Data Matrix; MaxiCode; QR Code; Han Xin; Micro QR Code. Stacked: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417.

Depth of Field

Minimum read distance depends on barcode length and scan angle. Performance varies with print resolution, contrast and ambient light.

Density	Symbology	Read Range
3.34 mil	Code 128	30-60 mm
5 mil	Code 128	30-100 mm
3.34 mil	EAN-13	35-60 mm
5 mil	EAN-13	30-100 mm
13.34 mil	EAN-13	30-230 mm
5 mil	PDF417	30-100 mm
10 mil	QR Code	30-150 mm
10 mil	Data Matrix	20-125 mm

Electrical

Current (Nominal)	Operating: <270 mA Standby / idle: <35 mA
Input Power	5 VDC (±10%) / 500 mA

Operating Features

User Indicators	Good-read LED; beeper with adjustable tone and volume
Host Interfaces	RS-232; USB HID; USB COM; HID POS Available to suit application needs
Data / OS Support	Multilingual output; direct Chinese and invoice data input; Windows, Linux and iOS; data editing
Connectivity	Bluetooth wireless (optional)

Environmental

ESD Protection	±8 kV contact; ±15 kV air
Drop Resistance	Repeated 1.5 m drops to concrete
Storage / Shipping	-40 to 65 °C
Operating Temp.	-10 to 50 °C
Humidity	5-95% RH, non-condensing
Ambient Light	0-100,000 lux

Physical

Dimensions	183.5 x 66.5 x 89.5 mm
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Service and Certification

Warranty	18 months
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