

Cordless Barcode Scanners

Barcode scanners are used in almost every industry, especially in retail, healthcare, and logistics. We narrowed down the top cordless barcode scanners across all industries for this comparison guide to help you make the best decision for your application.

For more information on these cordless barcode scanners, [contact us](#).

SKU
Product SKU

Range
Extended or Standard Range

Scanner Type
Type of Scanner

Data Interface
Published Data Interface

Power Source
Published Power Source

Scan Pattern
Published Scan Pattern

Sensor Resolution
Published Pixel Resolution Data









1D Decode Capabilities
1D Decodable Barcodes

2D Decode Capabilities
2D Decodable Barcodes

Dimensions
Published Dimensions

Drop Spec
Safe Dropping Distance per Device

IP Rating
Published IP Rating

							
Zebra DS2278-SR	Zebra DS3678-SR	Zebra DS3678-ER	Zebra DS8178-HC	Zebra DS8178-SR	Zebra LI4278	Honeywell Xenon XP 1952h-bf	Honeywell Xenon XP 1952g
\$377	\$995	\$824	\$782	\$759	\$410	\$919	\$859
DS2278-SR7U2100PRW	DS3678-SR3U4210SFW	DS3678-ER2F003VZVW	DS8178-HCBU210MS5W	DS8178-SR7U2100SFW	LI4278-TRBU0100ZWR	1952HHD-5USB-5BF-N	1952GSR-2USB-5-N
Standard Range	Standard Range	Extended Range	Standard Range	Standard Range	Standard Range	Standard Range	Standard Range
2D Imager	2D Imager	2D Imager	2D Imager	2D Imager	1D Linear Imager	2D Imager	2D Imager
USB, RS232, Keyboard Wedge, TGCS (IBM) 46XX over RS485	USB, RS232, Keyboard Wedge, Industrial Ethernet	USB, RS232, Keyboard Wedge, Industrial Ethernet	USB, RS232, Keyboard Wedge, TGCS (IBM) 46xx over RS485	USB, RS232, Keyboard Wedge, TGCS (IBM) 46xx over RS486	RS232, RS485 (IBM), USB, Keyboard Wedge, Bluetooth	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)
2,400 mAH Li-Ion battery	PowerPrecision+ 3100 mAh Li-Ion battery	PowerPrecision+ 3100 mAh Li-Ion battery	PowerPrecision+ 2500 mAh Li-Ion battery, PowerCap capacitor	PowerPrecision+ 2500 mAh Li-Ion battery, PowerCap capacitor	Rechargeable, replaceable battery with 'green sustainability'	Supercapacitors	2400 mAh Li-ion minimum battery
Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Single Line	Area Imager	Area imager
640 x 480	1280 x 800	1280 x 800	1280 x 960	1280 x 960	Not Published	1280 x 800	1240 x 800
Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)	UPC/EAN: UPC-A, UPC-E, UPC-E1, EAN-8/JAN 8, EAN-13/JAN 13, Bookland EAN, Bookland ISBN Format, UCC Coupon Extended Code, ISSN EAN Click here to view more	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Trioptic Code, Click here to view more	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Trioptic Code, Click here to view more
PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Han X	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, DotCode	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, DotCode	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, securPharm, DotCode, Dotted DataMatrix	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes, securPharm, DotCode, Dotted DataMatrix	N/A	Aztec Code, Chinese Sensible, Data Matrix, Digimarc Barcode, DotCode, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCode, TCIF Linked Code 39	Aztec Code, Chinese Sensible, Data Matrix, Digimarc Barcode, DotCode, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCode, TCIF Linked Code 39
175.3 x 66 x 88.9 mm (6.9 x 2.6 x 3.5 in)	185.4 x 76.2 x 142.2 mm (7.3 x 3 x 5.6 in)	185.4 x 76.2 x 142.2 mm (7.3 x 3 x 5.6 in)	167.6 x 66 x 106.7 mm (6.6 x 2.6 x 4.2 in)	167.6 x 66 x 106.7 mm (6.6 x 2.6 x 4.2 in)	97.5 x 69.9 x 186.4 mm (3.84 x 2.75 x 7.34 in)	99 x 64 x 165 mm (3.9 x 2.5 x 6.5 in)	99 x 64 x 165 mm (3.9 x 2.5 x 6.5 in)
Multiple 1.5 m (5 ft) drops to concrete	Multiple 2.4 m (8 ft) drops to concrete	Multiple 2.4 m (8 ft) drops to concrete	Multiple 1.8 m (6 ft) drops to concrete	Multiple 1.8 m (6 ft) drops to concrete	Multiple 1.8 m (6 ft) drops to concrete	50 drops at 1 m (3.3 ft)	50 drops at 1 m (3.3 ft)
IP 52	IP 65	IP 65	IP 52	IP 52	IP 53	IP 52	IP 53

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Scanner Type
Type of Scanner

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Sensor Resolution
Published Pixel Resolution Data








1D Decode Capabilities
1D Decodable Barcodes

2D Decode Capabilities
2D Decodable Barcodes

Dimensions
Published Dimensions

Drop Spec
Safe Dropping Distance per Device

IP Rating
Published IP Rating

						
Zebra CS4070-SR	Zebra CS6080-HC	Honeywell Granit XP 1991i SR	Honeywell Xenon XP 1952g-bf	Honeywell Voyager XP 1472g	Honeywell SF61B	Honeywell Xenon XP 1952h
\$447	\$800	\$736	\$1009	\$469	\$734	\$892
CS4070-SR00004ZMWW	CS6080-HC4F00BVZVWW	1991ISR-3-N	1952GSR-2USB5BFEZN	1472G2D-2USB-5-N	SF61BHP-SA001	1952HHD-5USB-5-N
Standard Range	Standard Range	Standard Range	Standard Range	Standard Range	Standard Range	Standard Range
1D/2D Imager	Area Imager	2D Imager	2D Imager	2D Imager	2D Imager	2D Imager
USB micro jack, Bluetooth	USB, Bluetooth	USB, RS232 TTL, Keyboard Wedge	USB, Keyboard Wedge, RS232, IBM 46xx (RS485)	USB, Keyboard Wedge, RS232, RS485 support for IB 46xx (RS485)	Bluetooth	USB, Keyboard Wedge, RS-232, RS485 support for TGCS (IBM) 46XX
950 mAh Lithium ion battery	745 mAh Lithium polymer battery	2450 mAh Li-ion minimum battery	Supercapacitors	2400 mAh Li-ion minimum	Lithium-ion rechargeable 2600 mAh	2400 mAh Li-ion minimum battery
Omni-directional	Not Published	Area Imager	Area Imager	Area Imager	Omni-directional	Area Imager
Not Published	1280 x 960	1280 x 800	1280 x 800	1040 x 720	Not Published	1240 x 800
UPC/EAN, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, Inverse 1D, GS1 DataBar, Composite, Postal Codes	Base 32 (Italian Pharma), Codabar/NW7, Code 11, Code 39, Code 93, Code 128, GS1 DataBar, I 2 of 5, Korean 3 of 5, MSI Plessey, UPC/EAN	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Trioptic Code, Click to view more	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Trioptic Code, Click to view more	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Interleaved 2 of 5, MSI Click to view more	Codabar, Code 11, Code 39, Code 93/93i, Code 128 / GS1-128, EAN/UPC, GS1 DataBar Limited, GS1 Composite (linear only), GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Click here to view more	Codabar, Codablock A, Codablock F, Code 11, Code 128, Code 32 Pharma, Code 39, Code 93, EAN/JAN-13, EAN/JAN-8, GS1 DataBar, Trioptic Code, Click to view more
PDF417, MicroPDF417, Code 128 Emulation, Data Matrix, GS1 Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Han Xin	Aztec, Composite Codes, DataMatrix, Dotted Data Matrix, DotCode, Han Xin, MaxiCode, PFD417, MicroPDF417, Postal Codes, QR Code, Micro QR, TLC-39, SecurPharm	Aztec Code, Chinese Sensible, Data Matrix, Digimarc Barcode, DotCode, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCode, TCIF Linked Code 39	Aztec Code, Chinese Sensible, Data Matrix, Digimarc Barcode, DotCode, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCode, TCIF Linked Code 39	Aztec Code, Chinese Sensible, Data Matrix, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCodeTCIF Linked Code 39	Codablock F, GS1 Composite (formerly EAN/UCC), MicroPDF417, PDF417, TCIF Linked Code 39 (TLC39), Aztec, Han Xin Code, Data Matrix, MaxiCode, QR Code, Micro QR Code, Postal Codes	Aztec Code, Chinese Sensible, Data Matrix, Digimarc Barcode, DotCode, Postal Codes, MicroPDF417, PDF417, QR Codes, MaxiCode, TCIF Linked Code 39
111.5 x 45.5 x 25.9 mm (4.39 x 1.79 x 1.02 in)	23 x 46 x 109 mm (0.9 x 1.8 x 4.3 in)	192 x 76 x 100 mm (7.6 x 3.0 x 3.9 in)	104 x 71 x 160 mm (4.1 x 2.8 x 6.3 in)	62 x 169 x 82 mm (2.4 x 6.6 x 3.2 in)	156 x 46 x 39 mm (6.1 x 1.8 x 1.5 in)	99 x 64 x 165 mm (3.9 x 2.5 x 6.5 in)
Multiple 1.5 m (5 ft) drops to concrete	Multiple 1.8 m (6 ft) drops to concrete	50 drops from 2 m (6.5 ft) to concrete	50 drops from 1 m (3.3 ft) to concrete	30 drops to concrete from 1.8 m (5.9 ft)	26 drops from 2 m (6.5 ft) to concrete	50 drops at 1.8 m (6 ft) to concrete
IP 42	IP 65	IP 67	IP 52	IP 40	IP 65	IP 52