WEARABLE BARCODE SCANNERS

Finding the ideal Wearable Barcode Scanner can be difficult because of the extensive amount of features/options.

This Comparison Guide provides most of the key features and notable differences between the available products from two of the largest barcode scanner manufacturers - Honeywell and Zebra Technologies.

	Zebra RS5000 Ring Scanner **$939**	Zebra RS5100 Ring Scanner **$914**	Zebra RS419 Ring Scanner **$812**	Honeywell 8670 Ring Scanner **$724**	Honeywell 8680i Ring Scanner (Standard Model) **$954**	Honeywell 8680i Ring Scanner (Advanced Model) **$1174**
Scanner Type Published Type of Scanner	2D Imager	2D Imager	1D Imager	2D Imager	2D Imager	2D Imager
1D Supported Symbologies Decode Ability for 1D Symbologies	Codes 39, 28, 93, 11; Code-bar/NW7; MSI; UPC/EAN, I 2 of 5; Korean 3 of 5; GSI DataBar; Base 32 (Italian Pharma)	Code 39, 128, 93, 11; Code-bar/NW7;MSI; UP- C/EAN, I 2 of 5, Korean 3 of 5; GSI DataBar; Base 32 (Italian Pharma)	Most popular linear and 1D code types	China Post; Codebar/NW7; Code 11, 128, 32, 39, 93; Code 2 of 5; EAN; Inter- leaved 2 of 5; Matrix 2 of 5; MSI; GS1 Databar; Telepen; Trioptic Code; UPC	China Post; Codebar/NW7; Code 11, 128, 32, 39, 93; Code 2 of 5; EAN; Inter- leaved 2 of 5; Matrix 2 of 5; MSI; GS1 Databar; Telepen; Trioptic Code; UPC; See Below	China Post; Codebar/NW7; Code 11, 128, 32, 39, 93; Code 2 of 5; EAN; Inter- leaved 2 of 5; Matrix 2 of 5; MSI; GS1 Databar; Telepen; Trioptic Code; UPC; See Below
2D Supported Symbologies Decode Ability for 2D Symbologies	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, Maxi- Code, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes	Codes 39, 28, 93, 11; Code- bar/NW7; MSI; UPC/EAN, I 2 of 5; Korean 3 of 5; GSI DataBar; Base 32 (Italian Pharma)	N/A	Codablock F; GS1 Composite; Micro PDF 417; PDF 417; Aztec; Chinese Sensible Code; Data Matrix; Maxi-Code; QR Code; Micro QR Code; Postal Codes except Korea	Codablock A & F; GS1 Composite; Micro PDF 417; PDF 417; Aztec; Chinese Sensible Code; Data Matrix; Maxi-Code; QR Code; Micro QR Code; Postal Codes; Dot Code	Codablock A & F; GS1 Composite;Micro PDF 417; PDF 417; Aztec; Chinese Sensible Code; Data Matrix; Maxi-Code; QR Code; Micro QR Code; Postal Codes; Dot Code
Power Source Published Power Source	Corded, Interface Cable	Cordless, Li-ion Battery Pack	Corded, Interface Cable	Cordless, Li-ion Battery Pack	Cordless, Battery Pack	Cordless, Battery Pack
Read Range Read Range is Barcode Dependent	Up to 65.3 cm 25 in	Up to 91.7 cm 36.1 in	Not Published	Not Published	Up to 81.2 cm 32 in	Up to 81.2 cm 32 in
Data Interface Communication Method	Interface Cable	Bluetooth 4.0 Connectivity	Interface Cable	Bluetooth v2.1 Connectivity	Bluetooth v4.1 Connectivity	Bluetooth v4.1 Connectivity; Wi-Fi 802.11
Laser Classification Laser Specifications	610 nm LED	655 nm Laser	650 nm Laser	650 nm Laser	650 nm Laser	650 nm Laser
Scan Pattern & Resolution Published Scan Pattern & Resolution	Omni-Directional, Resolution Not Published	Single LED aim, 1280 x 960 pixels	Single Line, Not Published	Area Imager, 844 x 640 pixels	Omni-Directional, 844 x 640 pixels	Omni-Directional 844 x 640 pixels
Mount Type Scanner Mounting Options	Mounts on right or left finger	Mounts on right or left finger	Mounts on right or left finger	Mounts on right or left finger	Two fingers or Back of Hand mounting	Two fingers or Back of Hand mounting
Drop Specifications Can Survive X Drops at Y Height	Multiple 1.2 m (4 ft) drops to concrete	Multiple 1.8 m (6 ft) drops to concrete	Multiple 1.2 m (4 ft) drops to concrete	30 drops at 1.5 m (5 ft) to concrete	2000 drops at 0.5 m (1.6 ft) to concrete	2000 drops at 0.5 m (1.6 ft) to concrete
Additional Features Noteworthy Features	Pick-list Mode; Rated IP 65	Supports OCR-A & B Symbologies; Pairs with NFC-enabled devices: Single or double trigger options; Rated IP 65	Supports RSS Symbologies; Single scan and continuous scan modes	Supports OCR-A, -B, -MICR (E 1 3 B) Symbologies; Easy Bluetooth pairing; Range up to 10 m (22 ft) from host device; Sensory feedback	Easy Bluetooth pairing; Field reconfigurable accessories; See full list of Symbologies here.	Line-of-sight screen; SDK for application development; Two-button interface; Can act as mobile computer + scanner; See full list of Symbologies here.

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