

The ultimate scanner to boost your performance.



### High-end scan engines

Higher scanning accuracy and quality with two different options

### Workflow Booster

Significant acceleration of scans with optimized ergonomics

### Enduring performance

Up to 5,000 scans per battery charge and quick battery change

### Ultrarobust at military level

Tested for 1.5 m drops onto concrete, and >2000 drops from a height of 1.2 m

### IP65 protection

Completely waterproof and dustproof according to protection class IP65

- » Workflow booster: Enables simple and fast scanning
- » 5000 scans per battery charge
- » Quick-change battery with high capacity
- » Best-in-class scanning performance - scanning range up to 14m
- » Ergonomics: free hands for comfort and flexibility
- » Can be used as a pocket scanner, ring scanner or back of hand scanner
- » Fast return on investment thanks to considerable time savings
- » Drastic reduction in error rates thanks to intuitive feedback
- » Wireless connection for optimum freedom of movement.
- » Significant acceleration of scanning processes
- » Particularly rugged: withstands 1.5 m drops onto concrete and >2000 drops from a height of 1.2 m
- » Exceeds shock, vibration and drop resistance according to MIL-STD-810G
- » Ideal for harsh environments as it is waterproof and dustproof to IP65 Innovative accessories
- » Scan feedback: acoustic, haptic and visual
- » Compatible with all Bluetooth-enabled devices with Bluetooth 4.2 and higher
- » NFC Tap to Pair

The ultimate scanner to boost your performance.

**Wireless communication**

Bluetooth	Supports Bluetooth Low Energy 4.2
Communication	Bluetooth HID, SPP, BLE
Wireless range	Free field: 50 m** Indoor range: 25 m**
Pairing	NFC, Tap to pair

**Supported barcodes**

1D	Code39, Code128, Codabar, Code11, UPC/EAN, 2of5, Databar, Code 93, MSI, UK Plessey, Telepen, Postal Codes
2D	PDF417, Micro PDF, Composite, TLC-39, Aztec, Data Matrix, QR, Maxicode, Han Xin, Grid Matrix, Dotcode <sup>2</sup>
OCR-capable	yes

**Electrical properties**

Battery	Replaceable 3.7 V / 550 mAh (2 Wh) lithium-ion battery
Charging time	2 hours
Input voltage	5 V DC / 2 A (max), typ. 300mA
Operating time	Approx. 5,000 scans depending on application and ambient conditions; >30 days standby

**System properties**

Operating modes	Bluetooth (standard), offline mode*, RS232 mode*, USB keyboard*
Supported systems	Android, iOS, Linux, Mac, Windows
Scan modes	Standard, Presentation, Auto Aim

**Physical features**

Housing	Polycarbonate housing with overmolding (PC+TPU)
Dimensions	57 x 42 x 24 mm
Weight	45 g
LED	Red/blue/green
Beep	Up to 80 dBA @ 10 cm
Scan triggering	Capacitive trigger button, as well as trigger via optional accessories

**Environmental conditions**

Drop resistance	200 drops from 1.5 m height
Sealing	IP65 Dust and waterproof
Operating temperature	-5° C – +50° C
Storage temperature	-20° C – +60° C
Humidity	95%, non condensing

**Order codes**

SKU	Description
W100-X0B030X	Rockscan W100, BT, Short Range
W100-X0B070X	Rockscan W100, BT, HD
W100-X0B080X	Rockscan W100, BT, Extended Range

**Scanner features**

	SR	HD	LR
Image resolution	1280 x 960	1280 x 960	2688 x 1520
Max. Field of view	H:44,5°, V: 33,5°	H:31°, V: 23°	H:37°, V: 21°
Roll tolerance	360°	360°	360°
Tilt tolerance	±60°	±60°	±60°
Swivel tolerance	±60°	±60°	±60°
Ambient light	107.639 Lux max.	96.900 Lux max.	107.639 Lux max.
Aiming element	Green Laser 520 nm	Red Laser 655 nm	Green Laser 520 nm
Illumination	1 x LED in warm white	2 x LEDs in warm white	2 x LEDs in warm white

**Decoding ranges (typical)\*\***

3 mil Code 39	TBD	TBD	6,9 to 41,1 cm
5 mil Code 39	6,1 to 24,1 cm	18,8 cm to 40,6 cm	6,4 to 67,6 cm
10 mil DataMatrix	7,4 to 21,6 cm	17,8 to 43,2 cm	5,6 to 68,8 cm
100% UPCA (13 mil)	4,6 to 49,5 cm	5,8 to 96,5 cm	6,4 to 180 cm
15 mil Code 128	TBD	10,2 to 101,7 cm	18,2 <sup>3</sup> to 182,9 cm
20 mil Code 39	TBD	5,3 to 137,2 cm	Up to 276,9 cm
55 mil Code 39	TBD	TBD	Up to 744,2 cm
100 mil Code 39	Up to 380 cm	27,9 to 436,9 cm	Up to 1407,2 cm
100 mil DataMatrix	TBD	TBD	Up to 685,8 cm


**Service Packages**

SKU	Description
SRV-W100-C3NX	3 Years Warranty
SRV-W100-P3NX	3 Years Premium Care
SRV-W100-W3NX	3 Years Warranty Plus

\* = Optional \*\* = Under laboratory conditions <sup>2</sup> = MR/LR variants only <sup>3</sup> = Restricted field of vision

The ultimate scanner to boost your performance.



### Climate neutral product

This product is climate neutral. The production and logistics of the Rockscan W100 cause **16 kg** of CO2e emissions. These unavoidable emissions are fully and generously offset by Gold Standard projects. For more information about our environmental protection efforts, please visit <https://www.werocktools.com/company/environmental-protection/>



### Warranty Plus

We offer a 24-month warranty on our physical products. With Warranty Plus, your product is protected all around. It is your fully comprehensive cover, which also protects it against material damage due to normal use, wear and tear and accidents. Even theft and fire damage are covered by our warranty. In case of loss or total loss of the device, a complete exchange is possible.



## GLOVE

- » Comfortably positioned scan trigger on the index finger
- » Rubberized palm for more grip
- » Available for left and right-handers
- » Three different sizes



#### Order codes

SKU	Description
ACC-W100-MG01A	Rockscan W100 Glove, right hand, Size S
ACC-W100-MG01B	Rockscan W100 Glove, right hand, Size M
ACC-W100-MG01C	Rockscan W100 Glove, right hand, Size L
ACC-W100-MS01A	Rockscan W100 Glove, left hand, Size S
ACC-W100-MS01B	Rockscan W100 Glove, left hand, Size M
ACC-W100-MS01C	Rockscan W100 Glove, left hand, Size L

The ultimate scanner to boost your performance.



## RING SCANNER

- » Turns the W100 into a practical ring scanner
- » Ring size can be conveniently closed with Velcro tape

### Order codes

SKU	Description
ACC-W100-RING	Rockscan W100 Ring scanner Base, right Hand
ACC-W100-RINGL	Rockscan W100 Ring scanner Base, left Hand



## CHARGING & TRANSFER STATION

- » Provides Bluetooth interface if computer does not have Bluetooth
- » Pairing of up to 6 devices
- » Charges the Rockscan W100 scanner and additional battery
- » Expandable to a multi-charging station (up to 5 devices)
- » Suitable power supply unit: ACC-RT-PWR14

### Order codes

SKU	Description
ACC-W100-BFP1	BFP1 Bluetooth Charger
ACC-RT-PWR14	Power Supply EU AC In, 5V / 6A Out, 5,5mm



## CHARGING STATION

- » Charges the Rockscan W100 scanner and additional battery
- » Expandable to a multi-charging station (up to 5 devices)
- » Charges in 2 hours
- » Suitable power supply unit: ACC-RT-PWR14

### Order codes

SKU	Description
ACC-W100-BFP2	Charging Station
ACC-RT-PWR14	Power Supply EU AC In, 5V / 6A Out, 5,5mm

The ultimate scanner to boost your performance.



## DC CONNECTOR

- » Connector for connecting several charging stations or charging and transfer stations

### Order codes

SKU	Description
ACC-W100-DCC1	DC Connector



## SPARE BATTERY

- » Replaceable battery for high scanning volumes and multi-shift operation

### Order codes

SKU	Description
ACC-W100-BTRY	Rockscan W100 Spare Battery