

ReadCell VS422-DPE cordless general-purpose DPM handheld

The cordless version of the ReadCell VS420-DPE. Direct white and diffuse red and blue light for marked parts, Bluetooth without the cradle, 2.4 GHz with it.



Wireless

Bluetooth 4.2 or 2.4 GHz

Bluetooth works without the cradle; 2.4 GHz works through it.

Bluetooth 4.2	Without cradle, up to 30 m
2.4 GHz	Via cradle, up to 100 m

Cradle

Horizontal or vertical

Horizontal ships as standard. Ask for the vertical cradle when you order.

Standard	Horizontal cradle
On request	Vertical cradle, approx. 128 × 98 × 85 mm

Imaging

Image sensor	Global shutter CMOS, monochrome
Resolution	1280 × 1024
Frame rate	60 fps
Field of view	29° × 23° (typical)
Focus	Fixed
Illumination	Direct white; diffuse red and blue
Aimer	Red cross-hair laser

Symbologies

1D	Codabar, Code 39, Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA, Matrix 2 of 5, Code 11, Code 128, GS1-128, UPC-A, UPC-E0, UPC-E1, EAN/JAN-13, EAN/JAN-8, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, China Post (Hong Kong 2 of 5), Korea Post
2D and stacked	QR Code, Data Matrix, PDF417, MicroPDF417, Aztec, MaxiCode, Han Xin, GS1 Composite, Codablock A, Codablock F

Depth of field

Code 128, 7 mil	20–100 mm
Code 128, 13 mil	Up to 140 mm (near limit set by field of view)
Data Matrix, 3 mil	25–50 mm
Data Matrix, 5 mil	15–90 mm
QR Code, 3 mil	25–45 mm
QR Code, 5 mil	20–80 mm

Communication

Wireless	Bluetooth 4.2 without cradle, up to 30 m · 2.4 GHz via cradle, up to 100 m
Wired interfaces	RS232 · USB HID · USB COM
Trigger	Button or continuous
Configuration software	IDManager

Battery and power

Battery	3.7 V / 2500 mAh, rechargeable
Scans per charge	12,000+ at one scan every 2 s
Charge time	6.5 h
Offline storage	12,000 records
Pairing	One scanner per cradle
Battery replacement	Built in, not user-replaceable
Current, typical	450 mA operating · 120 mA standby

Mechanical and environment

Dimensions	101.8 × 94.2 × 201.1 mm
Weight	Scanner 200 g · cradle 160 g
Cradle	Horizontal as standard; vertical on request
Housing	High-performance plastic
Protection	IP5X (scanner)
Drop	1.2 m to concrete
Operating temperature	–10 to 50 °C
Storage temperature	–20 to 70 °C
Humidity	5% to 85% RH, non-condensing
Ambient light	0 to 100,000 lux

From the ReadCell VS422-DPE datasheet, revision D. Issued October 2026. Specifications may change without notice; ask us for the current revision.