

ReadCell VS210 smart code reader

Reads and grades. An AI smart code reader with code quality grading to ISO/IEC 15416, 15415 and 29158, for rotary fixtures, metal DPM parts and multi-side box reading.



Imaging

Image sensor	Global shutter CMOS, monochrome
Resolution	1920 × 1200 standard; 2592 × 1944 optional
Focus	Auto-focus, triggered from the configuration software; fixed focus optional
Field of view	135 × 100 mm at 300 mm working distance, typical
Illumination	White LED, direct and polarized; red or blue optional
Aimer	Green LED
Minimum element	Standard version: 1D 0.051 mm, 2D 0.023 mm Wide-angle version: 1D 0.051 mm, 2D 0.051 mm
Minimum decode time	<10 ms

Symbologies and grading

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, COOP 2 of 5
2D and stacked	QR Code, Data Matrix, PDF417, MicroPDF417, Aztec, MaxiCode, Han Xin, GS1 Composite, Codablock A, Codablock F, Micro QR, GS1 DataMatrix, DotCode
Code grading	ISO/IEC 15416 · ISO/IEC 15415 · ISO/IEC 29158

Communication

Interfaces	RS232C (convertible to USB) · Ethernet
Protocols	TCP/IP · PROFINET · Modbus TCP · EtherNet/IP
Digital I/O	2 inputs · 3 outputs
Configuration software	IDManager

Electrical and mechanical

Power supply	24 VDC ±10%
Current, typical	2000 mA operating · 200 mA standby
Dimensions	101.2 × 55 × 51.7 mm
Weight	280 g
Housing	Aluminum alloy
Protection	IP65 with cable connected
Vibration	10–55 Hz, double amplitude 0.75 mm, 3 h each in X, Y and Z
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 VS210 datasheet, revision C. Issued October 2026. Specifications may change without notice; ask us for the current revision.