

ReadCell VS600E smart code reader

Pick the focal length for the distance: 6, 8, 12 or 16 mm on an M12 mount.
A 1/2.5" global shutter sensor at 1920 × 1200 and 60 fps, with PROFINET, EtherNet/IP and Modbus TCP built in.



Imaging

Image sensor	1/2.5" global shutter CMOS, monochrome
Resolution	1920 × 1200
Frame rate	60 fps
Lens	M12 mount; focal length 6, 8, 12 or 16 mm
Focus	Fixed
Illumination	White LED; red or blue optional; polarized optional

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

Communication

Interfaces	RS232 · Ethernet
Protocols	TCP/IP · PROFINET · Modbus TCP · EtherNet/IP
Digital I/O	1 input · 1 output
Configuration software	IDManager

Electrical and mechanical

Power supply	24 VDC ±10%
Current, typical	700 mA operating · 200 mA standby
Dimensions	60 × 68 × 39.1 mm
Weight	240 g
Housing	Aluminum alloy
Protection	IP54 with cable connected
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 VS600E datasheet, revision A. Issued October 2026. Specifications may change without notice; ask us for the current revision.