

### Product type designation

### MV325 optical hand-held reader

SIMATIC MV325 optical reader, Bluetooth handheld reader for 1D barcode and data matrix, ready-to-use set from read device, charging station, Access point and USB cable 6' (1.8m) for codes with medium to high contrast, reading range depending on code type and Size 20 mm to 375 mm



Suitability for operation	1D: Codabar, Code 11, Code 32, Code 39, Code 93, Code, 128, Interleaved 2 of 5, GS1 DataBar (RSS), Maxtrix 2of5, MSI Plessey, Plessey, Straight 2of5, Trioptic, UPC/EAN/JAN, Stacked 1D: GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417, 2D: Aztec Code, Data Matrix, Micro QR Code, QR Code, Han Xin
Range	20 ... 375 mm
Range / Note	Code-dependent

Optical data	
Design of image sensor / of the camera	CMOS 1280 x 960, image resolution 960 x 640
Mounting type / of lens	Integrated
Type of light source	Lighting system comprising incident light (red)
Image acquisition frequency / maximum	10 Hz
Type of focusing	Fixed focus, optimum focal point at 6.3 mm

Supply voltage, current consumption, power loss	
Type of current supply	Battery operation
Type of battery	Lithium ion accumulator, fast charging capability
Battery capacity	1.3 A·h
Operating period / with standard battery / typical	12 h

## Ambient conditions

Ambient temperature	
• during operation	-20 ... +55 °C
• during storage	-30 ... +65 °C
Relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
Height of fall / maximum	1.8 m

## Design, dimensions and weights

Width	135 mm
Height	51 mm
Depth	130 mm
Net weight	0.18 kg

## Product features, product functions, product components / general

Design of the display	6 LEDs
Operator element version	Trigger in handle
Design of acoustic signaling element	Vibration alarm, audible signal
Design of the interface	Bluetooth Class 2, USB

## Product functions / management, configuration, engineering

Product function / of the software	Read, display, save, transfer codes
Type of programming	Optical parameterization or via configuration software

## accessories

accessories	Changeable accumulator for 50000 readings (Lion 3.7 V / 1.3 Ah), external charging station (power supply via USB) incl. Bluetooth Accesspoint
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## Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
• to website: Industrial communication	<a href="http://www.siemens.com/codereader">http://www.siemens.com/codereader</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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