

Product type designation

MV320 optical hand-held reader

SIMATIC MV320 OPTICAL READER HANDHELD CODE READER FOR 1D A. 2D CODES E.G. DATA MATRIX, READY TO USE SET WITH READER AND USB CABLE 6' (1.8M) FOR USE WITH MEDIUM TO HIGH CONTRAST CODES, RANGE DEPENDING ON TYPE OF CODE AND SIZE 20MM UP TO 375MM



Suitability for operation

1D/2D: Aztec, Codabar, Codablock F, Code 11, Code 39, Code 39 Short Margin, Code 39 Extended Full ASCII, Code 39 Checksum, Code 93, Code 128, Code 128 Short Margin, Composite, Data Matrix, Data Matrix Rectangle, Data Matrix Inverse, GS1 DataBar (all), Interleaved 2of5, Interleaved 2of5 - 2 Digits, Macro PDF417, Maxicode, Matrix 2of5, Micro PDF417, MSI Plessey, NEC 2of5, OCR, PDF417, Postal Codes (All), QR Code, Telepen, UPC, UPC Short Margin, UPC Extension

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

Via USB or external plug-type power supply unit (RS232), 5 V, 410 mA

Type of battery	--
Permitted 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 weight	
Width	132 mm
Height	52 mm
Depth	92 mm
Net weight	0.13 kg
Product properties, functions, components / general	
Design of the display	2 LEDs
Operator element version	Trigger in handle
Design of acoustic signaling element	Vibration alarm, audible signal
Design of the interface	USB, RS232
Product functions / management, configuration	
Product function / of the software	Read, display, save, transfer codes
Type of programming	Optical parameterization or via configuration software
Accessories	
accessories	RS232 cable with power supply, USB cable, stand
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/codereader
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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