



Handheld reader OHV10-F228-R2

- All common 1-D or 2-D codes can be read
- Reads from reflective surfaces
- Audible, tactile, and visual user feedback
- Degree of protection IP54

Handheld reader for all common 1-D and 2-D codes

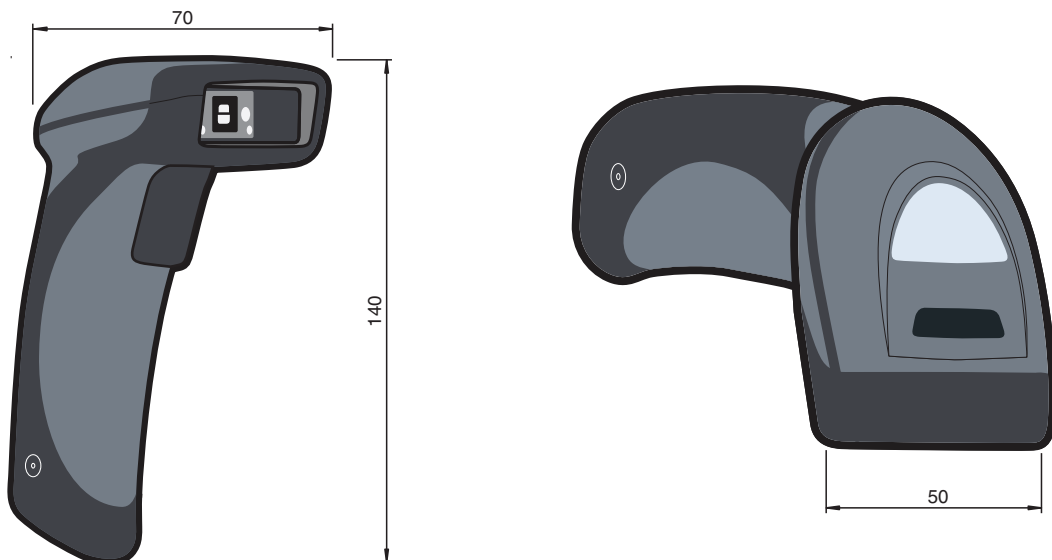


Function

The handheld is a compact handheld reader for all common 1-D and 2-D codes. Special technology to prevent glare allows the device to accurately read codes on highly reflective surfaces. With a resolution of 1.2 million pixels, it can read both small and large codes from a wide range of distances. A different-colored target projection makes it easier to see the relevant code. Feedback comes in the form of a visual or audible signal or a vibration.

Data is transferred via USB or RS-232, depending on which connection cable is selected. With its robust housing and IP54 protection, the handheld reader is ideally suited to heavy-duty industrial use.

Dimensions



Technical Data

General specifications

Light type

Integrated LED lightning (red)

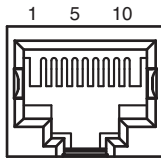
Technical Data

Readable codes	<p>1-D Codes: Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN</p> <p>Gestapelte 1-D Codes: Codablock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417</p> <p>2-D Codes: Aztec Code, Data Matrix, Data Matrix Rectangular, Grid Matrix, Han Xin, Maxicode, Micro QR Code, QR Code, QR Model 1</p> <p>Post Codes: Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Post-Net, Planet, Postnet, UK Royal Mail, UPU ID-tags</p>
Read distance	40 ... 310 mm depending on the code type
Reading field	max. 190 mm x 290 mm
Modul size	min. 0.2 mm
Ambient light limit	96890 Lux
Target velocity	Stop
Nominal ratings	
Camera	
Type	CMOS
Number of pixels	1280 x 960
Image recording	real-time , manually triggered
Indicators/operating means	
Function indicator	LED green: Data carrier read
Electrical specifications	
Supply	via cable
Interface	
Physical	USB 2.0 , RS-232
Compliance with standards and directives	
Standard conformity	
Noise immunity	EN 55024:2010
Emitted interference	EN 55032:2012+AC:2013
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Storage temperature	-30 ... 65 °C (-22 ... 149 °F)
Relative humidity	5 ... 95 % non-condensing
Shock and impact resistance	Withstands multible drops from 1.8 m / 6 ft onto a concrete surface
Mechanical specifications	
Degree of protection	IP54
Connection	System connector for connecting cable
Material	
Housing	plastic
Mass	110 g
Dimensions	70 mm x 50 mm x 140 mm (l x w x h)
General information	
Scope of delivery	Handheld reader

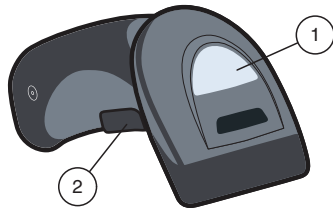
Connection

Pin	Signal
1	+VIN
2	USB_DM
3	USB_DP
4	RS 232 TX
5	RS 232 RTS
6	RS 232 RX
7	RS 232 CTS
8	External Trigger
9	not connected
10	Ground

Connection Assignment








Assembly



2	Functional display	green
3	Trigger button	

Accessories

	OHV-BRACKET	End stop for OHV100-F222-R2
	V45-G-2M-PVC-ABG-USB-G	Adapter cable, RJ50 to USB
	V45-G-2M-PVC-SUBD9	Adapter cable, RJ50 to RS 232
	V50-G-2M-PVC-5V-SUBD25	Adapter cable, RJ-50 to D-Sub 25
	V19S-G-1,7/3M-PVC-V50	Adapter cable, M12 8-pin to RS 232

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