



VisionREADER 6300

2D-code hand-held scanner



Specifications

Electrical data

Operating voltage 10 ... 30VDC
Current 400 mA

Interfaces

Interface type RS-232 (Host) for code output
Trigger via scanner

Code types

Code types Data Matrix ECC 200 (10x10 to 64x64)
optional: PDF 417, RSS 14
bar codes: 2/5 interleaved
UPC/EAN/JAN, Code 39, Code 128
Read direction omnidirectional, various tilt and rotational angles up to 20°

Optical data

Optical system CMOS 800x600 pixel
Contrast 15% (black/white)
Light source integrated LED (flash/continued)
Point of focus 55mm
Read distance 20 ... 150mm

Mechanical data

Housing polycarbonate
Weight 160g
Dimensions 180x68x90mm

Environmental data

Ambient temperature (operation) 5°C ... 40°C
Relative air humidity 5% ... 90% (non-condensing)



- Hand-held scanner for Data-Matrix codes, optional bar codes, PDF 417, RSS-14 etc.
- High resolution for parts and labels directly marked
- Stable trigger button
- Built-in decoder
- Read-display
- RS 232 interface and PS 2 keyboard interface
- Operating temperature from 5°C through 40°C



Accessories:

(available separately)

- 230V power supply unit (Part No.: 500 40254)
- RS 232 cable with connection for power supply unit (Part No.: 500 40255)
- RS 232 cable with voltage supply via PIN 9 (Part No.: 500 40921)
- Adapter for power supply unit (Part No.: 500 40919)
- PS 2 connection cable (Part No.: 500 40256)
- Support for VR 6xxx (Part No.: 500 41236)

We reserve the right to make changes *vr_6300_e.fm



Connections

RS 232 9-pin Sub-D socket (Part No.: 500 40255 and 500 40921)

Pin No	Signal	
2	TX	Transmit Data
3	RX	Receive Data
5	GND	Signal Ground
7	CTS	Clear to send
8	RTS	Request to send
9	VCC	voltage supply 10 ... 30VDC (for Part No.: 500 40921 only)

Remarks

Ergonomic, 2D-code hand-held scanner with integrated high-power decoder (300 MIPS).
Data transmission via configurable RS 232 interface or PS 2 keyboard interface.

Device parameterisation with setup tool via RS 232 interface.

Order guide

	Model	Part No.
2D-code hand-held scanner	VisionREADER 6300 RS 232/PS 2	500 41043