

BAR CODE SCANNER POWERSCAN M8300

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Power scanner M8300, M8300D is a handheld device designed for exploitation in hard industrial conditions. PM 3800 – wireless scanner is the most advanced product. Narrow-band wireless communication enables higher throughput and flexibility at a workstation. Furthermore, it creates new possibilities of scaling solutions – from a single workstation to network systems.

It is compatible with:

- PUE C41 H
- PUE 5
- TMC

The scanners are available in the following versions:

- M8300 standard
- M300 D with a display
- M300 AR increased reading range
- M300 D/AR with a display and increased reading range

Technical data:

PowerScan M8300	
Wireless communication	DATALOGIC Star Cordless System
RF signal strength	433,92MHz - <10mW, 910MHz - < 1mW
Maximum number of scanners in the range	2000
Maximum number of scanners for one base station	21
Frequency	433,92Mhz 910Mhz
Range (open space)	up to 50m for 433,92 EUR, to 30m for 910MHz
Recognized bar codes 1D	automatic recognition of standard codes including GS1 Databar Linear Codes
Stacked codes	Code 16K, Code 49
Accumulator	Li-ION 2150 mAh
Charging time	external charger – 4 hours, base charger – 10 hours
Number of scans on a single charge	60 000
Information diodes	discharging-red, charging finished – green, power supply / data connection – yellow
Power consumption	1A dla 10V, 330mA for 30V, POT 500mA
Supply voltage	10-30V DC, POT 5V DC ± 10%
Drop resistance	withstands 50 drops from 2m
ESD resistance	20kV
Maximal humidity (without condensation)	90%
Environmental protection	IP65 for M8300, IP64 for M8300D
Working temperature	-20°C to 50°C
Storage temperature	-20°C to 70°C
Interfaces	RS232, USB, Keyboard Wedge, Wand, RS485 (only with base station BC8060)
Dimensions	base – 240×108×95mm, M8300 – 207×114×69mm, M8300D – 210×114×69mm
Display	only for M8300D graphic display 4 lines 16 columns, 32x96 pixels
Keyboard	only for M8300D 3 buttons
Mass	base – 380g, scanner – 395g
Light source	630 – 680mm VLD
Minimal print contrast ratio	15%
Maximal reading speed	35 ± 5 scans/sec
Reading index	Biper, Datalogic Greek Lighth (3GL™)
Resolution	0,076mm for version AR 0,19mm

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