

# DATA COLLECTORS

• Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.  
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## PDL-20

### Portable Laser Data Collector

The PDL-20 is the most popular model for years, and thousand applications had witnessed its excellence. It is ergonomic, modern phone style designed, approved scanning performance, and most user-friendly functions for all environments.

- Integrated laser scan function
- Convenient one-handed operation
- PC-based task generator for customized applications
- Extendable battery life of up to 100 working hours of scanning

<b>SYSTEM</b>	
CPU	8-bit C-MOS microprocessor
RAM	2MB
F-ROM	128KB
Display	FSTN, 96 × 49 dots graphic LCD (6 × 16 characters), with back light
Keypads & Buttons	Total 26 keys for alpha/numeric input and system control
Indicators (LED)	Two-color LED (green & red)
Beeper Operation	Programmable tone & beep time
Interface	RS-232
<b>POWER</b>	
Main Battery	3.7V, 830 mA, Li-Ion rechargeable battery
Backup Battery	3.0V, 25 mA, Lithium rechargeable battery
Battery Life	100 hours at 12 scans per minute
<b>INPUT DEVICE</b>	
Engine Type	1D laser engine
Light Source	650 nm visible laser diode (VLD)
Scan Rate	100 scans per second
Print Contrast	30% @ UPC/EAN 100%
Depth of Field	20 – 500 mm
<b>PHYSICAL</b>	
Dimensions	134.9 × 48.0 × 23.6 mm
Weight	123 g (battery included)
<b>ENVIRONMENTAL</b>	
Operating Temperature	0°C – 50°C (32°F – 122°F)
Storage Temperature	-10°C – 60°C (14°F – 140°F)
Operating Humidity	10% – 70% RH (non-condensing)
Storage Humidity	5% – 70% RH (non-condensing)
Drop Durability	Designed to withstand 1M drops
Light Levels	Max. 4,500 Lux (fluorescence)
<b>REGULATORY</b>	
EMC	CE & FCC Part 15B, 15C
<b>SOFTWARE &amp; DEVELOPMENT</b>	(a) Supports the TaskGen software (application generator); (b) Supports SDK

