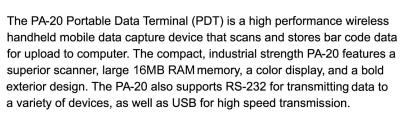
## PA-20 Portable Data Terminal







Ideal for intensive commercial uses, the PA-20 is shockproof, dustproof, and waterproof in compliance with IP54. The ergonomic, professional keypad and pistol grip are made of wear-resistant rubber and are comfortable to operate. For dark environments the keypad uses a white backlight, and the PA-20 also vibrates for scanning confirmation in noisy or noise-sensitive environments. A 2.4-inch color LCD screen supports 12-, 16- and 24-dot fonts as well as multiple languages. The PA-20 offers tough connections via Pogo Pin and Cradle and high quality cable connections, so broken connections are not an issue. Rechargeable standard and pistol grip batteries provide extended battery life for longer scanning operation. Accessories include single cradle, four-slot battery charger, holster, and charging and communication cable.



- Sharp and bright color TFT QVGA display
- Ergonomic, compact, robust and lightweight
- Bluetooth technology
- 1.2 m (4 ft) drop resistance
- IP54 protection class
- Quick attach handle
- Extremely long operation hours









Model	PA-20	PA-2010	
Wireless Communication			
WPAN	-	Bluetooth Class2, version 2.0	
General Characteristics			
OS	Proprietary		
CPU	ARM9 Core 533MHz		
RAM	16MB		
ROM	20MB		
Display	2.4" LCD TFT Transmissive, 240 x 320 QVGA 65K colors		
LED	Blue, Green and Red		
Keypad	29 Numeric		
Alert	Buzzer, Vibrator		
Dimensions	169.0mm (L) x 70.1mm (W) x 34.0mm (H)		
Weight	235g (including battery)		
Power			
Battery	1) Data collector: Rechargeable 3.7V 1950mAh Li-Polymer Battery		
	2) Optional Pistol Grip: Rechargeable 3.7V 5000mAh Li-ion Battery		
Power	Power supply: DC 5V 3A		
	AC Power 100-240V 0.5A, 50-60Hz, 33-48VA		
Scanner			
Scanner system	Long Range CCD scanner 2048 pixels		
Resolution	0.127mm (5mil) at PCS 90%		
Depth of field	600mm (code 39, 20mils, PCS 90%)		
Scanning rate	400 scans /sec		
Decode capability	Auto discriminates all standard one-dimension barcodes; including GS1 databar		
Physical and Environment			
Operating Temperature	-10°C to 60°C / 14°F to 140°F		
Storage Temperature	-20°C to 70°C / -4°F to 158°F	-20°C to 70°C / -4°F to 158°F	
Humidity	Operating: Non-condensed 10% to 90%	Operating: Non-condensed 10% to 90%	
	Storage: Non-condensed 5% to 95%		
Drop test 1.2M/4ft (Terminal)			
	0.9M/3ft (Cradle)/(4 drops per 6 sides)		
Sealed standard	IP54		
Electrostatic discharge	+/-15 KV air discharge		
	+/- 8 KV direct discharge		
EMC Regulation	FCC, CE		
Developing tools			
Software	Software Development Kit (SDK), Architect (Application Generator)		
Program Language	C language, basic language		
Accessory			
	Charging & Communication Cable		
	Charging & Communication Cradle		
	Pistol Grip		
	Four Slot Charging Base		



