



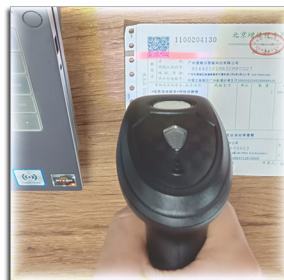
# AP2228-BT

## Bluetooth 2D Handheld Scanner

- Low power consumption with superior scanning performance.
- Read 1D&2D barcode comprehensively.
- Adopt self-developed decoding technology.
- 2.4G mode wireless scanning distance up to 80 meters (open distance).



### ★ Application



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# 2228-BT Bluetooth 2D Handheld Scanner

Performance Parameter						
Light Source	LED White light					
Image sensor	640*480 pixels					
Resolution(maximum)	0.102mm / 4mils					
Print contrast ratio(minimum)	≥20%					
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±60°					
Decoding Capability	1D: All standard 1D codes, including GS1 DataBar™ linear code can be automatically distinguished and decoded. 2D: Aztec Code; Data Matrix; MaxiCode; QRCode; HANXIN; MicroQR Code Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417.					
Reading Indicators	LED light&Buzzer(adjustable tone and volume )					
Typical depth of Filed	Precision	Barcode	Depth of Filed	15mil	PDF417	10mm—200mm
	3.34mil	CODE 128	10mm—60mm	10mil	DM	5mm—100mm
	5mil	CODE128	5mm—90mm	20mil	DM	5mm—210mm
	3.34mil	EAN-13	10mm—55mm	(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)		
	5mil	EAN-13	5mm—85mm			
	13.34mil	EAN-13	20mm—190mm			
	5mil	PDF417	5mm—75mm			
	10mil	PDF417	5mm—190mm			
Physical characteristics						
Color available	Black					
Dimensions (L*W*H)	65*91*157mm					
Weight	164g					
Cable	1.6m					
Electrical Parameter						
Current	Working current (Standard): < 270 mA Standby current (Standard): < 35 mA					
Input Voltage	5 VDC (+/- 10%)/500mA					
Environmental Parameter						
ESD protection(Air discharge)	8 kV					
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.					
Particulate and water sealing	IP52					
Temperature	Operation: 0 to 40 °C Storage/Transport: -40 to 70 °C					
Humidity(non-condensing)	5 - 95%					
Ambient light	Indoor: 0 to 6,000 lux; Outdoor: 0 to 86,000 lux					
Cordless Parameter						
Cordless mode	2.4G & Bluetooth					
Transmission distance	2.4G: 80 meters; Bluetooth: 50m (basic on open space)					
Communication mode	Wireless real-time transmission/wired transmission/storage mode					
Battery capacity	2000mAh					
Continuous working time	>8-10H					
Charging time	4.5H					
Warranty	12/months					

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