

MINDEO

CS7219i-BT^{AI}

Cordless Image Scanner



Features

- 1 With built-in AI chip
- 2 Best in motion tolerance up to 6 m/s
- 3 Extraordinary DPM decoding ability
- 4 Support batch mode capability (5,000 EAN-13 barcodes)
- 5 Built-in rechargeable & replaceable battery, one full charge supports scanning for 20 hours or standby for 50 hours
- 6 Support vibration mode, ideal for both noisy and quiet environment

CS7219i-BT Specifications

Communication Characteristics				
Working Range	30 m (open air)			
Radio Link	2.4-2.5 GHz, Bluetooth 4.2, Class 2			
Mechanical Characteristics				
Dimensions (L × W × H)	Handheld unit: 87 mm × 64.5 mm × 167 mm; Cradle: 118 mm × 89.5 mm × 74 mm			
Weight	Handheld unit: 200 g; Cradle: 141.5 g (without cable)			
Indicator	LED, Beeper, Vibrator(optional)			
Interfaces	USB Keyboard, USB Virtual COM, RS232, PS/2 Keyboard			
Electrical Characteristics				
Input Voltage	5.0 ± 0.25 VDC			
Current	Handheld unit: 400 mA (scanning), 150 mA (standby); Cradle: 60 mA (scanning), 500 mA (charging, maximum)			
Battery	2600 mAh Lithium-ion battery			
Charge Time	5.5 hours			
Standby Time	50 hours			
Operating Time	20 hours (1 scan per 5 seconds)			
Light Source	Illumination: white LED(5700 K), red LED			
	Aiming: 525 nm peak wavelength, green LED			
Performance Characteristics				
Image Size	1280 × 1024 pixels			
Field of View	Horizontal: 40°, Vertical: 34° (SR、 HD)			
	Horizontal: 33°, Vertical: 28° (XD)			
Scanning Angle	±70°, ±75°, 360° (skew, pitch, roll)			
Print Contrast	20% minimum reflectance difference			
Decoding Capability	All common 1D/2D barcodes			
Minimum Resolution	1D : 3 mil			
Decoding Depth		SR	HD	XD
	3mil Code 39 (3 chars)	\	20 mm – 80 mm	10 mm – 70 mm
	5 mil Code 128 (12 chars)	25 mm – 170 mm	10 mm – 130 mm	5 mm – 100 mm
	10mil Code 39 (3 chars)	0 mm – 390 mm	0 mm – 260 mm	0 mm – 150 mm
	13 mil UPC (6 chars)	0 mm – 450 mm	0 mm - 330 mm	0 mm - 180 mm
	20 mil Code39 (1 char)	15 mm – 610 mm	15 mm – 490 mm	35 mm – 240 mm
	10 mil QR (20 chars)	10 mm – 210 mm	0 mm – 160 mm	0 mm – 110 mm
	20 mil QR (150 chars)	10 mm – 400 mm	10 mm – 300 mm	30 mm – 170 mm
Environmental Characteristics				
Temperature	Operating: -20° to 50°C (-4° to 122°F); Storage: -40° to 60°C (-40° to 140°F)			
Humidity	5% to 95% (non-condensing)			
Safety	EMC: EN55032, EN55035 Electrical Safety: EN62368-1			
	Photobiological Safety: EN62471:2008 Illumination: 0~100,000 lux			
	Sealing: IP52 Drop Resistance: Withstands multiple 1.5 m (5 ft.) drops to concrete			