

CS8219i-BT

Smart Cordless Image Scanner



Features

- With built -in AI chip
- Best in motion tolerance up to 4 m/s
- Passed multiple 2.0 meters – high drop tests
- Support batch mode capability (5,000 EAN -13 barcodes)
- Support vibration mode, ideal for both noisy and quiet environment

CS8219i-BT Specifications

Communication Characteristics

Working range	30 m (open air)
Radio link	2.4 -2.5 GHz, Bluetooth4.2, Class2

Mechanical Characteristics

Dimensions (L × W × H)	Handheld unit: 99 mm × 73.5 mm 185.6 mm; Cradle: 118 mm × 89.5 mm × 74 mm
Weight	Handheld unit: 224.5 g; Cradle:141.5 g (Without Cable)
Indicator	LED, Beeper, Vibrator (Optional)
Interface	USB Keyboard, USB Virtual COM, Rs232

Electrical Characteristics

Current	Handheld unit: 550mA (Scanning) ,45 mA (Standby); Cradle: 60 mA (Scanning),500 mA (Charging, maximum)
Battery	2600 mA Lithium-ion battery
Charge Time	5.5 hours
Standby Time	50 hours
Operating Time	20 hours (1 Scan per 5 Seconds)
Lighting	Direct reflection: white LED Diffuse reflection: white LED, red LED, blue LED, green LED
Aiming	Green LED, Wavelength 525nm

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: 3mill

	Direct reflection (XD)	Diffuse reflection (XD)
Decoding depth	3mil Code 39 (3 bytes)	0 - 60mm
	5mil Code 128 (12 bytes)	10-19mm
	10mil Code 39 (3 bytes)	0-140mm
	13mil UPC (6 bytes)	0-170mm
	20mil Code 39 (3 bytes)	20-230mm
	10mil QR (20 bytes)	0-100mm
	20mil QR (150 bytes)	30-150mm
		0-60mm
		10-1003mm
		0-170mm
		0-210mm
		25-270mm
		0-130mm
		30-180mm

Environmental Characteristics

Temperature	Operating: -20°C to 55°C (-4°F to 131° F); Storage: -40°C to 70°C (-40°F to 158° 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: IP64 Drop Resistance: multiple 2.0 m (6.56ft) Drops to concrete