

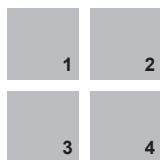


CS 2400BT

Wireless Gun Type 2D Image Reader

With a state of the art technology, the CS 2400BT gives wireless freedom in scanning within 100-meter connection range. The included 2D scan engine enables wide variety of application at superb scanning speed. Embedded with Axon most advanced decoder, CS2400BT guarantees accurate reading and decodes most popular 1D and 2D barcode symbologies. It is the ideal scanner for manufacturing and logistic sectors.

- Wireless freedom
- Data connection flexibilities
- Flashing LED indication and programmable beeper
- Light-weighted and gun-type shape for easy handy operation
- Decode most 1D & 2D barcodes
- Rugged gun type design for tough working conditions
- Smart charging to prolong battery life



1. Wireless cradle for easy connection
2. Ergonomic gun-type handle & large trigger
3. LED trigger shows status with paging function
4. Clear LED indicators



OPERATIONAL

Aiming Element	650 nm visible laser diode (VLD)
Illumination Element	625±5 nm
Optical System	752Hx480V pixels (wide VGA)
Field of View	39.6° horizontal; 25.7° vertical
Focusing Distance	20.3 cm / 8 inch
Sensitivity	360° (omnidirectional rotational sensitivity)
Resolution	Code 39 (5 mil): 40 – 190 mm Code 39 (13 mil): 30 – 420 mm PDF 417 (10 mil): 30 – 280 mm DataMatrix (10 mil): 60 – 170 mm
Print Contrast	Min. 30% @ UPC/EAN 100%
Indicator	Beeper and LED
Programmable Operation	Power mode, beeper tone & volume, focus control, image control, trigger mode
Image Format	BMP (*.bmp), TIFF (*.tif), JPEG (*.jpg)
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand, OPOS, JPOS

PHYSICAL

Dimension	147.0 × 62.0 × 114.5 mm (device only); 176.4 × 101.6 × 133.6 mm (with cradle)
Weight	210 g (with battery); 510 g (with cradle)
Interface Cable	Field replaceable, standard 3M straight

POWER

Input Voltage	5 VDC ±10%
Battery	3.7V, 2500 mAh, Li-ion battery
Operating Current	Charging: 700 mA (external power); Non-charging: 70 mA
Recharging Time	Max. 5 hours

RADIO COMMUNICATION

Frequency	2.4 – 2.48 GHz (ISM band)
Radio Interface	Cradle host; SPP master; HID; slave
Working Range	Up to 100M / 75M with communication cradle (depends on operating environment)

REGULATORY

EMC	CE & FCC DOC compliance
Safety	CDRH Class II
Radio	FCC TCB, EN 300 328, ARIB STD-T66

ENVIRONMENTAL

Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (non-condensing)
Light Level	0 – 100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.2M drops

DECODING CAPABILITY

1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF 2 of 5, IATA Code, MSI, China Postal Code, Code 32, Industrial 2 of 5, Standard 2 of 5, JAP, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded
2D Barcode	PDF 417, MicroPDF 417, MaxiCode, DataMatrix, DataMatrix Inverse, QR Code, QR Inverse, MicroQR Code, Aztec Code, Aztec Inverse, Postal Code

Delivery Combos:

Combo 1
Device + Mini USB Cable
• Charging directly from host
• Host must be embedded with a Bluetooth module for communication

Combo 2
Device + Mini USB Cable + Adapter
• Charging directly from host
• Charging from wall plug using adapter
• Host must be embedded with a Bluetooth module for communication

Combo 3 (Recommended Best-Buy!)
Device + Cradle + Interface Cable + Mini USB Cable + Adapter
• Complete set that fulfills charging and communicating requirement, ready to use set