Tiger CS92

Cordless Imager Scanner

1D/2D

Features

- Stylish and ergonomic design, small base saves installation space
- Read all common 1D, 2D barcodes from paper labels
- Working range reaches up to 100 meters
- Support point-to-point and multi-point data transmission
- Built-in rechargeable & replaceable battery, one full charge supports scanning for 21 hours
- Brand-new, easy wireless communication setting method guarantees convenient operation
- Support vibration mode, ideal for both noisy and quiet environment

Technical Specifications

Handheld unit

Radio Link	430.0 ~ 431.9 MHz , 433.3 ~ 434.7 MHz with adaptive frequency hopping
Working Range	100 meters (open air)
Dimensions	Length × Width × Depth: 90.2 × 70 × 180 mm
Weight	210 g
Color	Gray
Indicator	LED, Beeper, Vibrator
Operating Mode	Handheld
Programming Method	Manual (reading special barcode)
Program Upgrade	Using Flash Utility software, while a cradle unit is required.
Input Voltage	5 ± 0.25 VDC
Current	20 mA (standby), 350 mA (scanning)
Battery	1400 mAh Lithium-ion battery
Charge Time	4 hours
Standby Time	4.5 days
Working Time	46 hours (1 scan per 5 seconds)
Image Size	1280 × 800 pixels
Field of View	Horizontal: 42°, vertical: 26.5°
Scanning Angle	±70°, ±75°, 360° (Skew, Pitch, Roll)
Print Contrast	20% minimum reflectance difference
Decoding Capability	**1D:** UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants **2D:** PDF417, MicroPDF417, QR code, DataMatrix, Han Xin code, Aztec Code
Minimum Resolution	HD: 1D (Code 39): 3 mil, 2D (QR): 5 mil SR: 1D (Code 39): 4 mil, 2D (PDF417): 6.7 mil

Decoding Depth		High desity series (HD)	Standard range series (SR)
	3 mil Code39 (3 chars)	10 mm – 61 mm	/
	4 mil Code 128 (9 chars)	5 mm – 88 mm	55 mm – 106 mm
	5 mil Code39 (3 chars)	0 mm – 108 mm	43 mm – 141 mm
	10 mil Code39 (3 chars)	0 mm – 167 mm	0 mm – 310 mm
	13 mil UPC (6 chars)	0 mm – 179 mm	0 mm – 335 mm
	20 mil Code39 (1 char)	10 mm – 253 mm	8 mm – 480 mm
	5 mil QR (40 chars)	7 mm – 65 mm	/
	6.7 mil PDF417 (20 chars)	0 mm – 105 mm	37 mm – 145 mm
	10 mil QR (20 chars)	0 mm – 134 mm	0 mm – 168 mm
	20 mil QR (20 chars)	0 mm – 215 mm	0 mm – 345 mm

Temperature	0° to 50°C (32° to 120°F), operating -40° to 60°C (-40° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Photobiological Safety: EN62471:2008 Illumination: 0~100,000 LUX Protection Class: IP51 Drop Resistance: Withstands multiple 1.5 m (5 ft.) drops to concrete

Note: Test condition: temperature at 27°C, sunny day, and visibility of 5 kilometers. Natural surroundings significantly affect the communication distance in practice. The distance drops quickly in the rainy, high-humidity, or heavy haze day; radio interference also shortens the communication distance.