



Mindeo CS3290 - Wireless Handheld 2D Scanner

Wireless connection.

Accumulation and batch transmission mode for up to 3000 EAN13 codes without connection to the base.

Support for the Honest SIGN marking, including tobacco, alcohol and pharmaceutical codes.

Reading codes from displays even at low brightness. Tempered protective glass of the scanner: does not scratch, does not become cloudy, does not break.

Possibility of mounting the base unit on the wall.

Applications:

- retail
- logistics
- production
- inventory of property

Modifications:

CS3290HD-2D

Characteristics

Physical characteristics

CPU	Microprocessor ARM, 32 bit
Dimensions (H×W×D)	Scanner: 170 x 70 x 83 mm, Stand: 213 x 97 x 75 mm, Stand: 189 g (without cable)
Weight	Scanner: 222 g
Cable	Straight, 2 m
Body material	PC + TPU (polycarbonate and thermopolyurethane)
Color	Grey
Scanning window material	Tempered glass
Interfaces	RS-232, USB Keyboard, USB virtual COM
Scanning indicators	Scanner: Speaker, LED, vibration
-	Stand: LED
Wireless communication	Radio channel 430.5 - 432 MHz, 433.05 - 434.79 MHz with adaptive frequency hopping
Range	100 meters (outdoors)
Built-in memory	3000 barcodes in data accumulation mode
Programming	Using control barcodes
Update	Online, with Flash Utility Software

Scanning

Scanning module type	Imager (2D)
Scanning module resolution	1280×800px
Operating modes	Manual
Backlight	5000K, white LED
Aim	525nm (max wavelength), green sight
Scanning angles	Tilt ±70°, swivel ±75°, rotate 360°
Field of view	Horizontal 40°, vertical 34°



Supported Symbolologies	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 (Discret 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, Telepen, GS1 DataBar (formerly RSS) variants 2D: PDF417, QR Code, MicroQR Code, DataMatrix, Han Xin Code, Aztec Code, MicroPDF417	
Scanning depth	3 mil Code39 (3 symb.) 10 – 70 mm 3 mil Code39 (3 symb.) 10 – 61 mm 4 mil Code128 (9 symb.) 5 – 88 mm 5 mil Code39 (3 symb.) 0 – 108 mm 10 mil Code39 (3 symb.) 0 – 167 mm 13 mil UPC (6 char.) 0 – 179 mm 20 mil Code39 (1 symb.) 10 – 253 mm 5 mil QR (40 chars.) 7 – 65 mm 6.7 mil PDF417 (20 char.) 0 – 105 mm 10 mil QR (20 chars.) 0 – 134 mm 20 mil QR (20 chars.) 0 – 215 mm	
Maximum code density	1D (Code 39): 3 mil, 2D (QR): 5 mil	
Minimum code contrast	20%	

Performance characteristics

Supply voltage	5 ±0.25 VDC current
Current consumption	Scanner: Standby 35mA, Working 350mA, Cradle: Working 60mA, Charging 500mA
Battery	Lithium-ion, 1400 mAh
Charging time (>80%)	4 h
Opening/waiting time	Operating time (1 scan in 5 sec): 15 h, standby time: 48 h
Operating temperature	From 0°C to +50°C
Storage temperature	From -40°C to +60°C
Humidity	From 5% to 95% non-condensing
Illumination	0~100,000 lux
Electromagnetic compatibility	EN55022, EN55024
Electrical safety	EN60950-1
Photobiological safety	EN62471:2008
Fall protection	Multiple drops onto concrete with stand from a height of 1.5 m
Protection from dust and moisture	IP52

