

DPM



IW50 Industrial Wireless 2D Barcode Scanner



1D/2D



1280x800Pixels



32Bit ARM



Plug and play



IP65



2M Drop



- 1280x800 pixels image sensor, combined with unique algorithm
- Designed for industrial DPM codes scanning solutions
- 2.4G+Bluetooth dual connection mode, flexible data transmission
- 3200mAh large capacity battery supports long time working
- IP65 standard rugged housing withstand 2m free drop

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IW50

Technical Parameters



Performance Parameter

| | |
|---------------------|--|
| CPU | 32bits ARM |
| Scan Mode | Manual |
| Image Sensor | CMOS |
| Image Size | 1280x800 Pixels |
| Scanning Speed | 60 fps |
| Minmum Resolution | ≥3mil |
| Light Source | Direct light: White LED; Diffuse light:Red LED; Laser aiming |
| Decoding Depth | Code39 (3mil) 10~100mm; Code128 (5mil) 10~100mm; Code128 (13mil) 20~180mm Data Matrix (6mil) 10~100mm; Data Matrix (10mil) 10~110mm QR Code (4mil) 25~80mm; QR Code (10mil)10~110mm |
| Print Contrast | ≥20% |
| Scan Angle | Skew±65°, Pitch±65°, Roll360° |
| Interface | USB, RS232 |
| Decoding Capability | 1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar (RSS14), Standard 2 of 5 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code, MaxiCode |

Other Parameters

| | |
|-----------------------------|--|
| Size | L × W × H: 98 × 76 × 204 (mm) |
| Weight | Scanner 340g Charging Base 380g |
| Materials | ABS+PC (With flame resistant effect) |
| Drop Resistance | 2m |
| Working Current | 381mA |
| Standby Current | 186mA |
| Charging Time | 5H |
| Continuous Battery Life | 30H |
| Battery Capacity | 3200mAh |
| Communication Methods | 2.4G wireless communication, Bluetooth wireless communication |
| Communication Distance | 2.4G mode: 100m (Open space) Bluetooth mode: 100m (Open space) |
| Temperature (Operating) | -20°C~50°C |
| Humidity | 5% to 95% (Non-condensing) |
| Temperature (Storage) | -20°C~60°C |
| IP | IP65 |
| Resistance To Ambient Light | 0-100000 lux |



*IW50-10/24B-V1.0.1