

XY100 II wireless

Rugged Intrinsically Safe Bar Code Scanner for Hazardous Area

Technical Specifications

| Parameter | Specification |
|-------------------------------|--|
| Model | XY100_II |
| Type | Explosion-proof wireless handheld scanner |
| Scanning method | Two-dimensional image scanning (830*640 pixels) |
| Decoding capability | Automatically recognize all standard one-dimensional barcodes and GS1, PDF417, MICROPDF, MaxiCode, DataMatrix, QRCode, UCC, EAN |
| Reading distance | 200~500mm |
| Scanning angle | Horizontal 31.6°; Vertical 24.4° |
| Scanning speed | Up to 200/500 times/second |
| Number of scans | Up to 50,000 scans per charge |
| Communication interface | USB, keyboard wedge, RS232 |
| Host interface – Serial port | RS232: ASCII free protocol (American Standard Code for Information Interchange)RS485: ASCII free protocol (American Standard Code for Information Interchange)RS485: Modbus_RTU, PROFIBUS_DP |
| Host interface – Network port | RJ45: Industrial Ethernet MODBUS_TCP (network cable, optical fiber)RJ45: Industrial Ethernet PROFINET (network cable, optical fiber) |
| Power supply | RS232: 5V DC , RS485/RJ45: 24V DC |
| Product weight | Scanner: 410g; Base: 290g; Safety barrier: 200g |
| Ambient temp. | NT: 0~50°C (LT: -30~+60°C optional) |
| Storage temp. | -40° ~ 70°C |



CERTIFICATION



ATEX: II 2G Ex ib IIB T4 Gb IP65
II 2D Ex ib IIIC T130°C Db
CNEX: Ex ib IIB T4 Gb; Ex ibD 21 IP66 T130°C

Applications

- Oil & Gas
- Chemical
- Pharmaceutical
- Food & Beverage
- Industrial Automation



Key Features

- High decoding accuracy for nearly all 1D & 2D barcodes
- Ultra-fast scanning up to 500 scans/sec
- Long-range capability – UPC at 2m, 100mil at 24m
- Interfaces: RS232, RS485, Modbus RTU/TCP, Profinet
- IP66/IP65 rugged design for harsh environments
- Withstands 3m drops & 7000+ 1-meter tumble