Introduction

The XB5100 Series of rugged, cordless, Laser 1D barcode scanners bring comprehensive, high-performance data capture to harsh industrial environments. Engineered with breakthrough laser and wireless technology, this scanner family delivers extremely fast and accurate data capture of 1D barcodes. Integrated 433MHz radio provides cordless freedom, improving productivity. As innovative as it is rugged, the XB5100 Series delivers the ergonomic and operational features required in scan-intensive industrial applications in the harshest environments. The device is built to handle the inevitable bumps and drops — even on concrete. An IP52-rated seal makes it impervious to dust and water. These features deliver a low total cost of ownership, minimizing employee and device downtime as well as equipment repair and replacement costs. In addition, noisy machinery and poor lighting can make it difficult for operators to see or hear scanner feedback to ensure proper completion of scans. Sibel XB5100 Series addresses this challenge with bright LEDs, beeper volume placed in the handle. Decode feedback is clearly visible and audible, protecting productivity and task accuracy

Features:
1. Large Storage; maximum storage with memory 32M (Off line mode).
2. Scan storage and total scans counting.
3. Long communication distance 300m open air
4. 433MHz Wireless receiver
5. Supporting network construction; 1 base to 16 readers
6. Fast charging time 3-5 hours
7. Long lasting working hour than 24hours.

Specification

Optical	Description
Light Source	Visible laser diode 650nm
Burst mode	Manual
Scanning mode	single line
Scanning rate	300scans/second
Resolution	≥4mil
Print of contrast	≤30%
Scan error rate	1/50'000'000
Input Voltage	DC5V
Power	100mA operating
Current	20mA Operating
Standby Current	<20uA
LUX	3000-12000Lux
Depth of field	5mm-630mm
scanning angle	±60°±65°±42°(left-right/AF-BF/Turn)
Transmission distance	Opening Field about 1.5km ,50-300m indoor
Symbolizes:	UPC/EAN/JAN ,UPC/EAN with Supplemental, UCC/EAN 128, CODE 39,MSI,CODE 11,CODE 39 FULL ASCII,CODE 39, Code 128, Code 128 Full ASCII, Codebar ,code 93,Discrete20f5, IATA,RSSvariants,Codabar,Chinese2of5,Inteleaved2/5 interleaved2of5,china post code and all international 1D code
Indicator:	buzzer ,LED light
Dimension	H 158mm x W 68mm x H 96mm
Weight	450g
Charge interface	RJ-45 WAN ,1M Length(USB Charge cable ,red lighting is in charging, red light off battery full charge
Charge	<3hours
Housing Material	ABS+PC
battery working	15hours per full charge, 20'000 scan
Temperature	0°c-50°c(operating) -40°c-60°c(storage)
Laser safety	EN60825-1,class 1
EMC	EN55022,EN55024
Electrical safety	EN60950-1
IP	IP52
Drops	1.5M drops to concrete
Certificate	ROHS