

Operation Description

This is a Barcode Scanner.

Product Name: Barcode Scanner

Model: XL-9530, XL-9529, XL-9528, XL-9310, XL-9309, XL-9300, XL-9322, XL-9200, XL-9539, XL-9538, XL-9228, XL-9038, XL-960

Operation frequency: 433-458.5MHz
13.56 MHz

Number of channel: 256 channels for 433-458.5MHz and 1 channel for 13.56 MHz

Modulation Type: FSK(433-458.5MHz), ASK(RFID)

HW version: XL-9529_M_V1.2

SW version: 00

Antenna Type: Integral antenna (433-458.5MHz)
LOOP antenna (13.56 MHz)

Antenna Gain: 0 dBi (Both antenna)

Power Supply Range: DC 3.7V from battery

Description of Channel: 433.0MHz-458.5MHz	
Channel	Frequency (MHz)
00	433.0
01	433.1
02	433.2
...	
126	445.6
127	445.7
128	445.8
...	
253	458.3
254	458.4
255	458.5
RFID Channel:	
13.56MHz	

Operation Principle

XL-9530 Wireless Barcode Scanner Support 1D/2D barcode and RFID reading(IC: RC522), communication distance is within 600m at open places.

The wireless barcode scanner transfers(IC: SI433X) the barcode data to the receiver in 433MHz, and let the receiver transfer data to the system (or PC) with RS232/USB/KB cable.

The scanner wireless inductive charge without cable, just place the scanner on the receiver, it can charge.

The ID card next to the top of the scanner, the scanner can read the data and transfer to receiver in 433MHz, and let the receiver transfer data to the system (or PC) with RS232/USB/KB cable.

The wireless signal contains control signal and bar code data, and the control signal is used to let the receiver to transmit the bar code data to the PC.

This product is manually operated transmitter.

This product have not periodic transmission fuction, only scan every Barcode and transmit to receiver then stop transmit, waiting for the next scan.

Activation time does not change as the key presses of time different.

Trigger Mode: A trigger pull activates a decode session. The decode session continues until the barcode is decoded or you release the trigger or decode session time out expires.

Press the button just to start, scan to send the data, waiting for the next start.

Every transmission time: 0.0465047s

Sense Mode: The scanner waits for the image stabilization timeout to expire before activating a decode session every time it detects a change in ambient illumination. Decode session continues until the barcode is decoded or the decode session timeout expires.

Press the button just to start, scan to send the data, waiting for the next time when it detects a barcode change.

Every transmission time: 0.0464746 s

Continuous Mode: If the Continuous mode is enabled, the scanner automatically starts one decode session after another. To suspend/resume barcode reading, simply press the trigger.

Press the button just to start, scan to send the data, and continuous scan the next barcode.

Every transmission time: 0.0464846 s