

Shturmann



National New and High
Technology Enterprise



Member of National
Torch Plan Project



Guangdong Engineering
Technology Research Center

WS-630S

2D Wireless Barcode Scanner

New Design Concept

Strong Compatibility

Independent Core Technology



Red LED



ARM



1D/2D



Mobile payment



640x480Pixel

Applications



Features

- ◆ 2600mAh battery support continuous scanning of 27 hours
- ◆ 2.4G+BT modes, easy to connect with your PC and mobile devices
- ◆ Good at reading high density and difficult barcodes
- ◆ Easy online upgrade can be finished in several seconds
- ◆ Ideal solution for warehouse and logistic environment using

Shturmann WS-630S wireless barcode scanner 2D

Technical Parameters



Performance Parameters

light source	White LED(Lighting) Red LED (Aiming)
CPU	32bit ARM
Scan mode	Manual trigger & Automatic induction
Image sensor	CMOS
COMS resolution	640x480 Pixels
Scanning speed	60 fps
System supported	Android/Windows/Linux/IOS
Minmum resolution	≥4mil
Scanning angle	rotate 360°, inclination 65°, elevation 60°
Decoding depth of field	50~390mm(13mil code39)
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), GS1 DataBar Limited, GS1 DataBar Expanded, etc 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code

Physical Parameters

Size	Scanner: L*W*H= 147.7*90.6*62.8(mm) Charging base: L*W*H=164.7*71.1*52.6(mm)
Weight	Scanner : 188.4g Charging base : 318.3g
Material	ABS+PC
Input voltage	DC 5V
Working current	250mah
Stand-by current	<90mA
Indicator	LED indicator light, buzzer
Interface	USB / USB-VCP
Charging way	Charging on base; Charging with Type-C interface
Charging time	4.5H
Standby time	6 months(Dormant state)
Continuous battery life	27H
Battery	Replaceable & Rechargeable lithium battery, 2600mAh
Receiver interface	USB

Other Parameters

Communication methods	2.4G wireless communication, Bluetooth wireless communication
Communication distance	2.4G mode: 100M (open space) Bluetooth mode: 10M (open space)
Humidity (Operating)	Relative humidity 5%~95%(no condensation)
Temperature	-10°C~50°C (Operating), -20°C~60°C (Storage)
Light source	0~5000Lux(fluorescent), 0~100,000Lux(Sunlight)

