ANSWK

ANSWK® UR2022
2D Ultra-Rugged Wireless Scanners

ANSWK® UR2022 is a wireless high performance and high protection 2D scanner based on advanced image decoding technology and micropower wireless frequency hopping transmission technology. UR2022 has the highest IP68 protection level in the industry, whether in a factory, warehouse, dock, or working environment in high cold and high humidity, it can with ease. It integrates a megapixel engine and a variety of well-designed lenses and lighting systems, which can scan complex barcodes such as laser engraving barcodes, worn barcodes and high-density barcodes. The advanced wireless frequency hopping communication technology ensures that UR2022 can performance stably even in complex industrial environment, and supports up to 100 scanner clusters with one base. Therefore, UR2022 is very suitable for occasions with high scanning requirements, high intensity and complex use environment, such as manufacturing, large warehouses, docks, cold chains and so on.

Product Features:

• IP68 proof, can adapt to harsh working environment
• Excellent decoding ability and ultra-high sensitivity
• Good at scanning DPM carved barcodes, worn barcodes, highly reflective bar codes, high-density barcodes, miniature barcodes and other difficult barcodes
• Using adaptive frequency hopping technology, stable data transmission and strong anti-interference ability, Even in the harsh industrial environment, it can still be transmitted stably
• Support multi-cluster working mode, one base can support 100 scanners
• Good ergonomic design, for long-time working
• Built-in data memory, which can store up to 50,000 bar codes
• It can be used horizontally or by wall hanging

Applications:

• Manufacturing, such as electronics, machinery and automobile manufacturing
• With the megapixel high-resolution engine and a variety of well-designed lenses and lighting systems, UR2022 can not only read any standard 1D and 2D barcodes, but also read various difficult barcodes frequently encountered in manufacturing industry.
• **Warehousing and logistics**
• It can scan efficiently both in poorly lit warehouses and outdoors in direct sunlight.
• **Cold chain and wharf**
• In cold temperature,UR2022 can be competent
• Other occasions where bar codes are complex or use environment is complex

TECHNICAL SPECIFICATIONS

Power and Battery

Voltage	DC5±0.25V
Power	UR2022-820HD\UR2022-820HHD:1.8W(Max)
	UR2022-820DP\UR2022-820ER:2.5W(Max)
Battery	2600mA(standard); 3300mA（Optional）
Endurance	Scan every five seconds condition：
	UR2022HP\UR2022HD:24 hours
	UR2022DP\UR2022-820ER:10~18 hours

Performance Ability

Lighting & Aiming	UR2022-820HD\UR2022-820HHD:White & Red Lighting, Red LED Aiming; UR2022-820DP\UR2022-820ER:Automatic multi-color LED Lighting, Red Laser Aiming
Resolution	Million pixels
Scan Angle	±72°、±72°、360°（Skew、Pitch、Roll）
Contrast	≥ 20%
Code Resolution	UR2022-820HD: 1D ≥ 3mil 2D ≥ 6mil
	UR2022-820HHD: 1D ≥ 3mil 2D ≥ 4mil
	UR2022-820DP: 1D ≥ 3mil 2D ≥ 4mil
Scan Ability	Printed, Spraying, DPM, screen code
Code Types	**2D：** QR Code，Micro QR，Data Matrix，PDF417，Micro PDF417，Aztec，Maxicode
	1D： UPC-A，UPC-E，EAN-13，EAN-8，ISBN/ISSN，code 39，Code 39（Full ASCII），code 32, Interleave 2 of 5，Industrial 2 of 5，Matrix 2 of 5，IATA 25，Codebar，Code 128，Code 93，Code11 cMSI/Plessey，UK/Plessey，UCC/EAN 128，Composite Code -A/B/C，GS1 DataBar（RSS）etc

Communication Method

Wireless	433MHz wireless or Bluetooth
Radius Distance	Up to 400 meters（Bluetooth version-50meters）
Cluster Work	A scanner base can support up to scanners to work at the same time
Interface	USB-HID，USB-COM，P/S2、RS232
Trigger Mode	Manual, Consecutive Scanning, Auto-sensing
Cable Length	Standard: 2 meters USB cable
Alert Mode	Buzzer (volume and tone adjustable), LED light, vibrator

Material & Environment

Shield Materials	Bi-color:ABS+PC/TPU; Single:ABS; Transparent:PC; Waterproof ring:Silica gel
Scan Window	Scratch-resistant toughened glass
Temperature	-20°C ~55°C（Working); -40°C ~70°C（Storage）
Humidity	5%~95%（Non-condensing）
Luminance	0~100,000LUX
Dust & Water Proof	Scanner:IP68; Base:IP52
Shock Proof	Withstand multiple drops from 2 meters to concrete surface
Setting Method	Scan setting barcodes/receiver base button

Security Certification

certification	CE, FCC, ROHS

Others

Optional Accessories	RS232 cable, Power adapter, P/S2 cable,5 meters USB cable

Warranty

Warranty	12months

WECHAT