

iData RS300

AI-Powered Full-Scenario Wearable Ring Scanner

Hands-free operation delivers a new scanning experience across all Scenarios

iData RS300 is a new generation of high-performance AI-powered full-scene wearable ring scanner, designed to create a hands-free workflow for complex operational scenarios such as warehousing and logistics, industrial manufacturing, retail stores, and electronics. With "AI decoding+full-scene wearing+rugged protection+low TCO" as the core, breaking through the scene limitations of traditional scanning devices, making barcode reading more efficient, flexible, and durable, it is the ultimate solution for enterprises to achieve efficient digital operations.

Improve operational efficiency

- AI-powered intelligent decoding: Breaking through traditional optical limitations, AI positioning+damage repair, efficient recognition of complex/dirty/wrinkled barcodes
- Free your hands, uninterrupted operation: supports ring, back of hand, and handheld modes, three flexible wearing styles, adaptable to different work postures and scenarios
- Bluetooth 5.3 high-speed transmission: stable connection without delay, real-time data synchronization
- Supports remote version: equipped with DS7500FR long-distance scanning engine, 11 meters ultra long distance reading, capable of handling various scenarios

Key benefit: From pairing, decoding, operation to transmission, the entire process is accelerated, and operations in complex environments remain efficient and smooth

Excellent wearable interactive experience

- Minimalist Bluetooth pairing: NFC one touch connection, or scan code for instant pairing, with simple steps and more convenient deployment
- 40g ultra-light design: The device is over 10g lighter than similar products, making it lightweight and comfortable to wear for long-term use
- Full hand adaptive: universal for both hands, adjustable size, no need for additional accessories, more flexible to use
- Triple intelligent feedback: combination of sound, light, and vibration, clear and precise indication, and clear operation status at a glance

Key benefits: Comfortable to wear, intuitive operation, quick to get started, significantly reducing the threshold and fatigue of use, and providing a smoother overall experience

Optimal Total Cost of Ownership (TCO)

- Industrial grade sturdy protection: IP65+1.8-meter anti-drop protection, dustproof, waterproof, anti-drop and durable, greatly reducing accidental damage and maintenance frequency
- Modular and convenient maintenance: The battery and accessories are designed to be detachable, making it quick and easy to change shifts and components, resulting in lower maintenance costs
- Efficient centralized operation and maintenance: supports multiple charging of devices and batteries, combined with unified management strategies, significantly simplifies daily operation and maintenance
- Industrial grade durable material: PC+GF+titanium alloy composite material, high strength, corrosion resistance, effectively extending the service life of the whole machine

Key benefits: high reliability, easy operation and maintenance, long lifespan, effectively reducing long-term ownership costs, and improving overall investment return rate



Warehouse E-commerce sector
Sorting
Inbound/outbound
Listing and delisting
Inventory
Packaging

Express logistics
Collection and delivery
Sorting and transit
Abnormal item registration
Loading
Goods receiving

Retail sector
Inventory
Inbound and outbound
Sales scanning
Promotion verification
Inventory verification

Healthcare Sector
Medicine and vaccine traceability
Sample collection and verification
Medical record information input
Medicine delivery verification

Manufacturing sector
Quality inspection traceability
Assembly traceability
Material preparation and issuance verification
Inbound and outbound management for raw materials/semi-finished products/finished products