



Hybrid DWS Machine

The All-in-One Logistics Automation Hub

By RENA TECHNOLOGIES

Transform Your Warehouse with One Scan

The **Hybrid DWS Machine** from RENA TECHNOLOGIES is a **next-generation smart station** that performs **all key parcel handling tasks** in a **single, seamless scan** — boosting operational efficiency, reducing labor, and eliminating errors. 3-in-1 process, receive, measure & sort in one scan.

➤ What makes **DWS Hybrid** stand out?

- **Hybrid advantage:** combines dimensioning, weighing, barcode scanning in one — reduces manual labor, errors, and time.
 - **Cost efficiency:** cheaper alternative to high-end systems.
 - **Integration ready:** compatible with ERP/WMS/TMS systems.
 - **Space saving:** single machine instead of 3 separate units.
 - **Accuracy:** reliable dimension + weight + barcode data in seconds.
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➤ **One Scan. Endless Efficiency.**

With one parcel scan, the Hybrid DWS Machine enables:

- ◆ **Receiving Confirmation:** Instantly identifies parcels with barcode scanner.
 - ◆ **Dimensioning & Weighing:** Captures accurate **L x W x H** dimensions and **weight** using **AI-powered** camera and **certified** scale.
 - ◆ **Visual Condition Logging:** Captures high-quality photo of each parcel at the time of scan for damage claims and tracking.
 - ◆ **Auto Inventory Registration:** Instantly syncs with your inventory or WMS via secure API — no manual data entry.
 - ◆ **Destination Sorting:** API retrieves the parcel's next hub or final destination, guiding the operator visually for sorting at the spot on the machine's built-in touch screen. 3-in-1 process in one scan (receive, measure, sort)
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➤ **Key Benefits**

- ✓ **Cut Process Time by up to 70%**
- ✓ **Reduce Sorting Errors & Disputes**
- ✓ **Enhance Customer Transparency with Photo Proof**
- ✓ **Ensure Compliance with Measured Volumetric Weights**

- ✓ **Lower Operational Costs with One Compact Station**
- ✓ **Enable Mobile Sorting Anywhere with Its Portable Design**

➤ **Ideal For:**

- Last-mile logistics warehouses
- Airport or seaport parcel hubs
- Third-party logistics providers (3PL)
- Freight forwarders & ecommerce fulfilment centres

➤ **Tech Specs at a Glance**

Feature	Value
Dimension Accuracy	±1 cm
Weight Accuracy	±50 g
Max Parcel Size	100 × 100 × 100 cm
Barcode Types	All major 1D & 2D barcodes
Image Logging	1080p proof image + timestamp
API Integration	Real-time with backend systems
Footprint	1.2m × 1.2m × 2m (on wheels)
Connectivity	Wi-Fi, Ethernet
Machine Setup Modes	Static, Movable with wheels.
Operation Modes	Online Realtime, Offline with Sync
Power Consumption	< 200 W
Integration	Fully Custom integration APIs
Scan Time	<2s + API (Realtime), <2s (Offline)

🔧 **Yearly Warranty & Support Packages Available**

📦 **Custom Features and Options on Request**

Where to buy?!

Contact Us:

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Designed & Manufactured by RENA TECHNOLOGIES in the UAE

➤ **Machine Photos:**



Figure 1:Full Machine Image



Figure 2: Machine Shipment Size



Figure 3: Machine Calibration Test

Machine Main Operation Page:

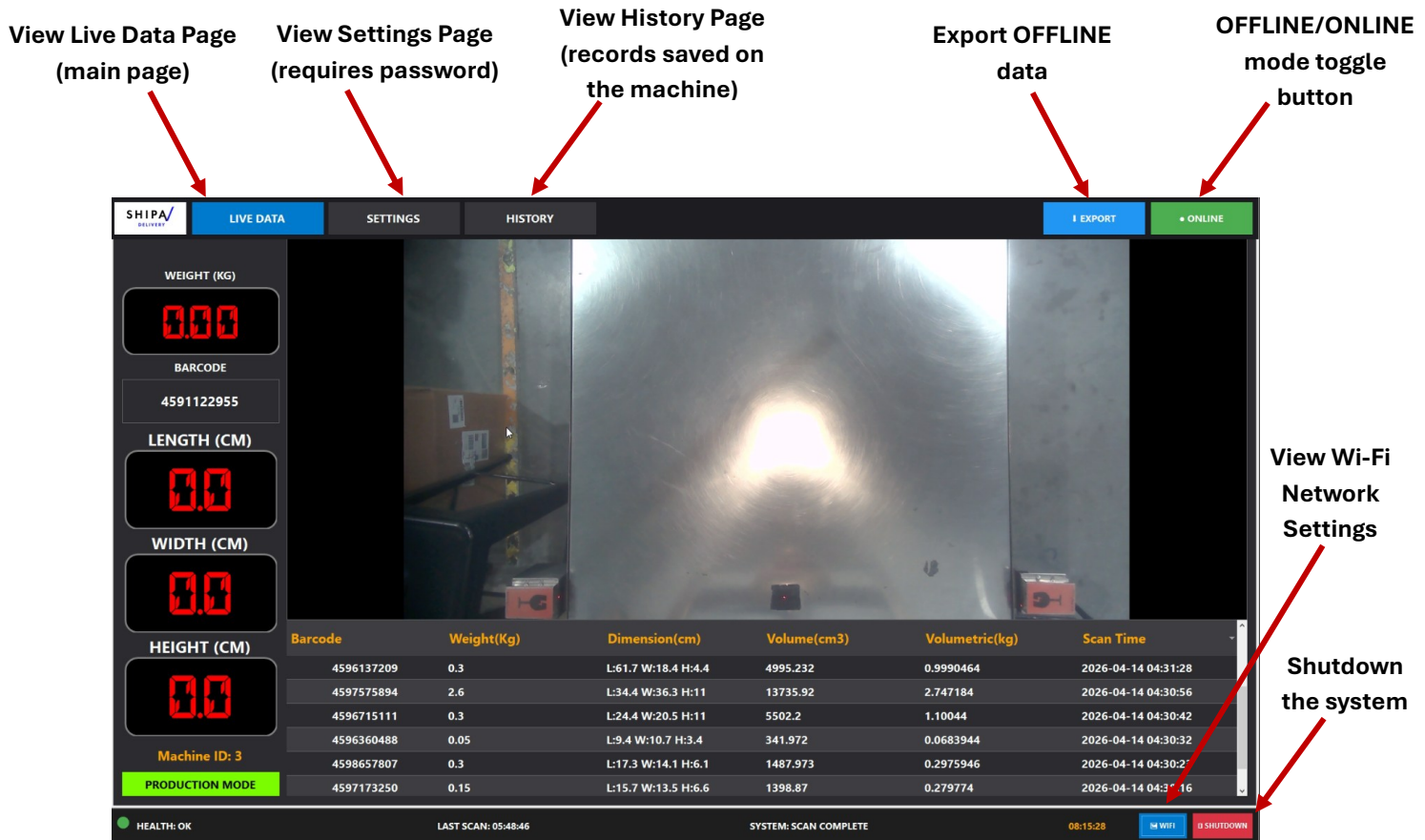


Figure 4: Touch Screen System Screenshot