DWS Weighing Scale

LP7830 Static DWS

Parcel Consolidation Center County-level Distribution Node Last-mile Delivery Hub Warehousing & Distribution Center E-commerce Fulfillment Center



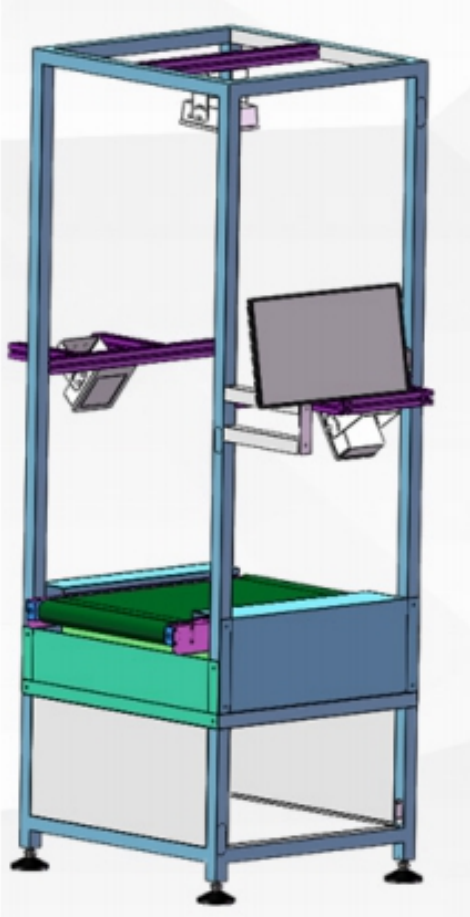
Technical Parameters

- Measurement Range: 5×5×5~80×80×80cm
- Measurement Accuracy: ±0.5cm
- Weighing Range: 300kg
- Weighing Accuracy: 0.02kg
- Equipment Dimensions: 82×91×(230-260)cm
- Key Feature: High-Performance Cost-Effective Static Weighing Solution
- Application: Warehouse Product Data Acquisition

Platform size	24 inch (600mm)×32 inch (800mm)	
Min/Max	Min	Max
Length	1.2 inch (30 mm)	32 inch (800 mm)
Width	1.2 inch (30 mm)	24 inch (600 mm)
Height	2.0 inch (50 mm)	24 inch (600 mm)
Division	0.4 inch (10 mm)	
Weight	300 kg (d = 0.02 kg)	

LP7831 Dynamic DWS

Last-mile Delivery Station, Distribution Center, E-commerce Fulfillment Warehouse, Bulk & Retail Distribution, Supermarket Checkout, Restaurant Payment Stations



Technical Parameters

- Size: 800×800mm
- Package Size Adaptability: Min: 100×100×30mm; Max: 600×600×600mm
- Sheet Metal Structure
- Conveyor Belt / Weighing Platform: Adjustable Speed Range 0.5~1 m/s
- Optimal Conveying Speed: ≥3,000 pph (parcels per hour)@600mm parcel length
- Barcode Scanners ×3: Model ID6200, 20MP Dynamic Intelligent Imager with Depth of Field >60cm
- Height Differential Tolerance Decoding Rate: 99.99%; Frame Rate & Imaging: 20fps
- Industrial Computer Configuration: Intel Core i7, 8GB DDR4 RAM, 128GB SSD, Windows 10, AOC Industrial Monitor
- Peripheral Hardware Configuration: Photoelectric Sensor, Emergency Stop Button, Start/Stop Controls, Alarm, Buzzer, Keyboard & Mouse, Control Cabinet
- Power: AC220V 50/60Hz

LP7831 Dynamic DWS Parcel Conveyor Scale integrates cutting-edge dynamic filtering technology with a redesigned mechanical structure for e-commerce, warehousing, and logistics automation. Advanced filtering combined with high-performance hardware delivers higher accuracy, faster response, and lower maintenance costs at identical belt speeds. The system flexibly supports modular expansions—including barcode readers, volumetric modules, reject conveyors, and exception-handling sections—all centrally controlled by a PLC control cabinet. Integrated software enables parcel data acquisition for consignment processing, cloud uploads, and analytics. Optional paddle sorters expand sorting lane capacity.

