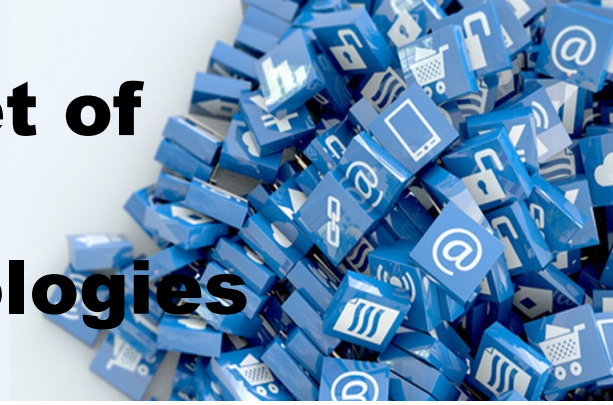




Dynamic DWS1/3/5/6

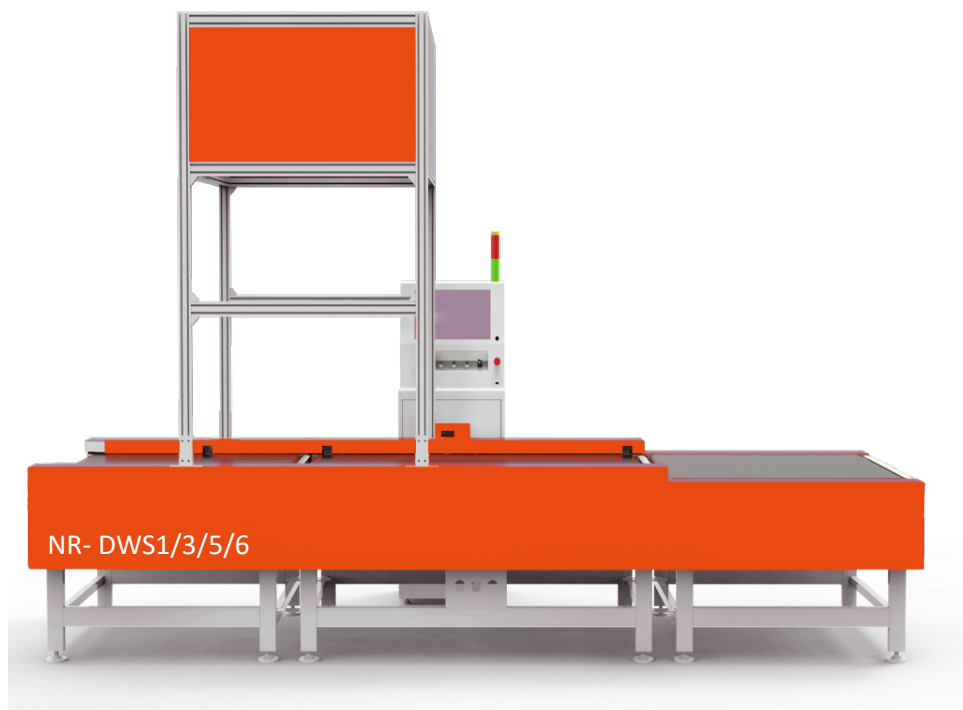
“Avenger Titan”

Internet of Things Technologies



Features

- Barcode Cameras: 20M pixel smart camera
- Barcode Optical Resolution: 10mil
- Dimensional Camera: 1.6M pixel line laser camera
- Color Camera: 12M pixel, for parcel photo shooting
- Supported Barcode Types(1D&2D):
CODE128, CODE39, CODE93, EAN, QR CODE
- Throughput Capacity: 2,500-3,000 pcs/hour
(depending on conveyor speed and parcel sizes)
- **Functions: Scanning, Weighing, Volume measurement, Data transmitting, Sorting, Color photo capture, Optional for 1/3/5/6 sided scanning.**
- Weighing Accuracy: $\pm 50g$
- Dimension Accuracy: $\pm 10mm$
- Weighing Range: 20g-30Kg
- Dimension Measurement (L*W*H):
150mm*150mm*150mm –
800mm*700mm*700mm



Key Benefits:

Improved Efficiency

Reduces manual labor and speeds up the operation process.

Enhanced Accuracy

Minimizes errors in dimensioning, weighing, and barcode scanning.

Cost Savings

Optimizes shipping costs by ensuring accurate weight and dimension records for billing purposes.

Seamless Integration

Easy to incorporate into existing warehouse systems, WMS or ERP software.

Configuration

Equipment	“Avenger Titan” Dynamic DWS1/3/5/6	
Part	Components	Specification
Computer	Industrial Personal Computer	Processor: i5-4460 Memory: 16G Hard Disk: 256G SSD, 1T HDD Win10 64 PRO, 6*USB2.0/2*COM
	Monitor Display	19-inch touch screen
	Keyboard & Mouse	Support 10meter distance
	Wireless Barcode Scanner	1D&2D barcode scan manually
	Audio	Included USB port, Lonvin M1,15W
Scale	Weighing Range	Max Weight 30Kg, accuracy±50g
	Weighing Junction Box	NR318-3, 4 Pcs
	Corrugated Sensor	NR13-D3-100Kg-3J-W3
	Weighing Instrument Panel	Dynamic type
Vision	Code Reading Camera	20MP smart camera, Qty: 1/3/5Pcs (Vary on DWS1/3/5) DWS6 with bottom Intelligent Line Scanning Barcode Reader.
	Overview Camera	1Pcs, 12MP color camera, for photo shooting and faster scanning
	Barcode Type	CODE128/CODE39/CODE93/EAN/QR CODE
Dimension	Measuring Module	1.6MP line laser camera, 1 Pcs
	Measuring Accuracy	±10mm
Conveyor Belt	Pull Parcel Segment	1200mm (L) x 1000mm (W) x 800mm (H)
	Weighing Segment	1500mm (L) x 1000mm (W) x 800mm (H)
	Extend Conveyor Segment	1500mm (L) x 1000mm (W) x 800mm (H)
	Belt Type	Wear-resistant industrial belt, PVC, YongLi
	Drive Mode	Servo motor, MD-L1030-D100, Modi
	Photoelectric Sensor	Mirror reflection photoelectric switch, HIK-MV-PE5301-P
Electrical & Controller	Controller	Siemens PLC
		PLC electric control system
Software	Storage of Photos & Data	Supports simultaneous uploading of barcodes/QR codes data
	Control Software	Code Platform APP
	Software Functions	Code reading, weighing, volume measurement, collection, photo saving, data export, data analysis, sorting by zone/output (Optional)

Configuration

Part	Component	Specification
Structure	External Size	DWS1: L4200mm x W1167mm x H2445mm DWS3: L4200mm x W2450mm x H2445mm DWS5: L4200mm x W2450mm x H2445mm DWS6: L4200mm x W2450mm x H2445mm (800mm operation height with an adjustable foot cup)
	Material	Aluminum+Square tube carbon steel
	Outlook	Customized Color (Orange/Yellow/Blue/Others)
Power Supply	Input Voltage	3 phrases, Voltage:415V, frequency 50HZ
	Power Consumption	7KW
Others	Temperature	Operating Temperature: 0~40℃, Storage Temperature: -10℃~50℃
	Humidity	20%~80%RH No Condensation
	Extensibility & Customization	Supports the addition of cameras, wheel sorters, conveyors, and full sorting system customization.

