

RESOLUTION²

NEXT GENERATION DIMENSIONING



RESOLUTION²

PARCEL DIMENSIONER
NEXT GENERATION DIMENSIONING

WEIGHTS AND DIMENSIONS...

...IN A FRACTION OF A SECOND

...AT A FRACTION OF THE PRICE

- Rapid return on investment. **Increase profits by up to 40%**
- Low cost, high quality Real Volume Parcel Dimensioner
- Dimensions cubic or irregular shaped objects
- Ultra Fast. Capture dimensions in just **0.05 seconds**
- No separate PC required. All software included free of charge
- Data transmission over Ethernet, WiFi or RS232 with any format
- Set-up, control and download reports using the web interface from any browser (Chrome, Edge, Firefox etc)
- Integrate with scales, barcode printers or readers
- Automatic or manual barcode entry
- Easy integration for OEM systems with web service API
- Customisable column mounting size for specific applications

Resolution 2 uses the latest 3D imaging technology to provide a revolutionary low cost/high quality parcel dimensioning solution that accurately calculates dimensions for cubic or irregular shaped items in a fraction of a second.

Cutting edge 3D image processing technology means Resolution is a fraction of the cost of other dimensioners on the market that rely on outdated and less accurate ultrasonic or laser solutions.

Designed for ease of installation and zero maintenance, Resolution 2 is a plug and play and can be installed in any location using the supplied free standing column and mounting brackets.

Resolution 2 has a 15 inch touchscreen display and optional weighing scale, barcode scanner and label printer. Interfacing and reporting is simple with Excel files downloaded onto PCs via Ethernet, WiFi or RS232. Interfacing is also straightforward with a clever API and built in webserver which also allows remote control and report downloading using smart phones or tablets.

CLASS III VERIFIED

Our ISO 9001:2015 registration includes our quality system approval for Self Verification, allowing us to test and certify scales for trade use here at our factory. All VW platforms use OIML approved loadcells and are designed for Class III approval.

CUSTOMER SUPPORT

We provide the highest level of before and after sales and service support. Our technical staff are highly experienced and knowledgeable in all aspects of the weighing industry and are ready to provide support and advice on any of our products.

QUALITY

Our ISO 9001:2015 registration ensures that all of our platforms are manufactured to strict quality standards and are fully QA tested and calibrated by our highly trained engineers.

EXPERIENCE

The quality and reliability of AWM dimensioning products and of industrial weighing scales is the result of over 40 years of design and manufacturing experience.

RELIABILITY

Our products are built to last. We use high quality components and will not compromise on material and build quality. All of our loadcells are OIML approved and all platforms can be Class III verified as required.



RESOLUTION

NEXT GENERATION DIMENSIONING

- **Resolution One** dimensioning camera complete with all software (no additional software costs)
- 15" colour touch-screen
- All cabling and power adaptors
- Custom Height Stainless Mounting Column
- **OPTION:** Handheld wired barcode scanner
- **OPTION:** Barcode Label Printer
- **OPTION:** Weighing Scale

SPECIFICATIONS

CUSTOM STAND SIZES AND DIMENSIONING SIZES AVAILABLE UPON REQUEST

Technology	3D Image Processing
Measurable Objects	Cubic or Irregular Shaped Objects
Measurement Intervals	1mm
Accuracy	+/- 1cm
Integration Options	Web Service or Excel-readable (XML) File Output over Ethernet, Wi-Fi or RS232
Output	Width, Length, Height, Volume, Dimensional Weight (Weight optional)
Max Dimensioning Size	800mm x 800mm x 800mm as standard but fully customisable on request
Weighing Capacity Options	15kg, 30kg, 50kg, 60kg, 100kg, 150kg, 200kg and 300kg (others on request)
Operating Voltage	12V (220V when using adaptor)



All measurement data and images are stored on the Resolution and can be...

- viewed locally on the Resolution 15" colour touch-screen display
- remotely viewed and downloaded from any PC, tablet or smartphone with a web browser using the built in web service
- sent via Ethernet, WiFi or RS232 to a PC or server in Excel file format using the powerful built in webserver and API.

northern
BALANCE

0344 477 1966

northernbalance.co.uk

hello@northernbalance.co.uk

Unit 8, Queens Court, Third Avenue
Teams Valley Trading Estate, Gateshead, NE11 0BU