

# Freight Dimensioning Questionnaire



Existing Customer:  Yes  No Service dealer name: \_\_\_\_\_ RLWS customer#: \_\_\_\_\_  
Company: \_\_\_\_\_ Date: \_\_\_\_\_  
Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State/Zip: \_\_\_\_\_ Country: \_\_\_\_\_  
Primary Contact: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_  
IT/Integration Contact: \_\_\_\_\_ Email: \_\_\_\_\_ Phone: \_\_\_\_\_  
Quote Type:  Budgetary  Firm (valid for 30 days)

## IDIMENSION FLEX MEASUREMENT CAPABILITIES

Flex	
Min	Max
30×30×30 cm	240×240×240 cm

## DIMENSIONER INTEGRATION

A dimensioner needs to be triggered to tell it when to measure and collect weight, dimensions, images and/or barcode information. When deciding how to trigger the dimensioner we should also consider the process-flow of the dimensioning operation. Once we know how and when we want to trigger, we need to understand file transfer requirements for the data and images.

## TRIGGERING METHOD (CHOOSE ONE)

- Option 1:** Button keypress from an industrial PC triggers the dimensioner to capture optional barcode data, weight, dimensions and images. Operator is required to be in the physical range of the PC running the software.
- Option 2:** Barcode scan triggers the dimensioner to capture barcode data, weight, dimensions and images. Optional use of a long-range scanner allows operating from a distance or moving the PC to a safe location away from potential harm.
- Option 3:** iDim-CLS bridge software running on a 7-inch mobile PC mounted to a forklift with a scale attachment. This triggers the dimensioner to capture barcode data, weight, dimensions and images. Provides safe and efficient operation in a busy environment. Operator never has to leave cab of the forklift.
- Option 4:** API command transmitted from customer server to iDimension SS to trigger dimensioning and collect barcode data, weight, dimensions and images. This is a poll and response communication scheme. This option requires customer IT department to support and implement.

API manual [https://www.ricelake.com/media/123lsv4t/m\\_us\\_167741\\_qubevuapiguide\\_rev.c.pdf](https://www.ricelake.com/media/123lsv4t/m_us_167741_qubevuapiguide_rev.c.pdf)

## FILE TRANSFER (CHOOSE ONE)

- Option 1:** A configurable hot key can be used to transfer measurements to a PC using the iDimension app program. This will also save the measurements, images, time, date and barcode data to a directory on the local hard drive or network location.  
iDimension app is a free download from <https://www.ricelake.com/resources/software/>
- Option 2:** iDimension SS installed on a 12-inch PC from Rice Lake which provides and automatic data export to a network FTP file server. If connection to the server is lost, transactions are buffered and later transferred when connection is restored. The PC must be connected directly to the dimensioner with server FTP connection on a dedicated network adapter.
- Option 3:** iDimension SS installed on a customer provided server. This provides a faster method of data transfer and the customer is in control of the hard disk memory partition. Note that if the server is disconnected, no dimensioning can take place (no triggering) until a new connection is established. FTP, SFTP, FTPS and SMB file transfers are supported. Data protocols include CSV, JSON, XML and TXT. This option requires customer IT Department support.
- Option 4:** API and SDK for simple API integration through HTTP requests, status checking and XML parsing.
- Option 5:** iDimension QubeVu Server API with secure data upload (push) to local and remote data centers including cloud-based locations using REST API with OAuth 2.0.

## MOUNTING OPTIONS

- The dimensioner will be suspended from the ceiling. The dimensioners installed height will be 11 feet (335cm).
  - My ceiling height is greater than 762 cm. Ceiling height: \_\_\_\_\_?
- The dimensioner will be floor mounted..
  - I will provide non reflective bollards or barriers to protect dimensioner legs from being hit by forklift or pallet jack traffic.

## WEIGHING

- Will not need to weigh items.
- Have a compatible floor scale.  
*(Rice Lake dimensioners are compatible with Dini Argeo indicators/transmitters and Rice Lake 680 and 1280 digital indicators)*
  - Make and model of existing digital indicator: \_\_\_\_\_
- Will need a scale to put under my existing pallet stretch wrapper.
  - Make and model of stretch wrapper: \_\_\_\_\_
  - Overall dimensions (LxWxH) of existing pallet stretch wrapper: \_\_\_\_\_
- Will need a picture of the item be dimensionalized/weighed.
- Require type approval for Legal for Trade applications.
  - NTEP    EU MID    OIML    NMI (AUS)   Country of deployment: \_\_\_\_\_

## INSTALLATION REQUIREMENTS

- 110-240 VAC power outlet and Ethernet socket are required within 40 feet of the dimensioner.
- Reflective bollards, signage, safety cones, etc. may affect the dimensioner if they are within the field of view.
- The installation site should be away from overhead doors or areas of direct sunlight.

## GENERAL NOTES