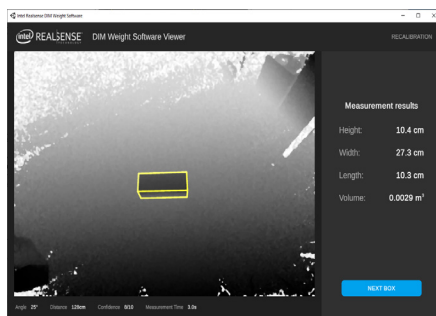


Measuring Packages At the Speed of Light

Intel® RealSense™ Dimensional Weight Software (DWS) is an easy to use, high-speed, precise volumetric measurement software solution.



All-in-One SDK Solution

By combining the power of our proprietary volumetric measurement SDK with the award-winning Intel RealSense LiDAR Camera L515, Intel Realsense have built a legal for trade ready highly accurate measurement platform. From small boxes to large pallets, our solution enables logistics companies to better manage their inventory and shipments. Intel® RealSense™ DWS enhances billing accuracy, aids in warehouse space management, and increases workflow efficiencies through fast and accurate to-the-millimeter measurements. Our platform seamlessly integrates with existing enterprise systems or can be activated right out of the box.

Highest Accuracy

DWS is designed with the highest accuracy for logistic companies and companies who are building volumetric measurement systems. From small boxes to pallet sizing, legal for trade billing or warehouse space management systems, DWS and RealSense L515 LiDAR Camera enable it all!

Seamless Integration

Start evaluating today with the DWS Viewer app and test your setup. DWS Viewer enables easy integration of the L515 LiDAR camera and the DWS library without any need for development. Just connect the camera to your PC and run the application – no installation needed!

INTEL® REALSENSE™ DIM WEIGHT SOFTWARE AT A GLANCE

FEATURES	Specifications
Use Environment	Indoors - based on the Intel RealSense LiDAR Camera L515
Operational Mode*	Fixed/Static. Moving/Mobile coming soon
Latency	2 seconds
Camera Position	Top and side view (90° to 45° relative to the top plane of the box)
Measurement objects	Cuboids. Irregular objects coming soon.
Range	0.8m to 4m**
Measurement accuracy at Range (A)†	0.8-1.5m range ± 5 mm
Measurement accuracy at Range (B)†	0.8-2.5 m range ± 10 mm
Measurement accuracy at Range (C)†	0.8-4 m range (coming soon) ± 50 mm
Supported box sizes at range ‡ (Depth x Width x Height)	5 × 5 × 5 up to 90 × 80 × 50 (A) 10 × 10 × 10 up to 100 × 120 × 100 (B) 30 × 30 × 30 up to 150 × 200 × 200 (C)
Supported Operating systems	Windows 10, Android/Linux coming soon
Supported Languages	C, C++



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Other names and brands may be claimed as the property of others

* Operational mode: Fixed/Static means both camera and object are not in motion, while Moving/Mobile means that either the camera or the object is moving during the measurement operation.

**Distance between camera and floor. Minimum distance between the camera and object should be at least 0.7 m.

† Tested with wooden boxes on wooden floor with an 80% reflectivity. Accuracy may vary depending on materials.

‡ Measured box should be positioned within 80% of the camera's field of view.