Low-Cost Cubing and Dimensioning
In today’s world, warehouses and distribution centers need low-cost solutions to determine the dimensions of products and packages for reducing costs and improving process efficiencies.

**Shape Ape for Inbound and Outbound Applications.**

Shape Ape accurately measures the dimensions of products and packages for both static and in-motion applications. For example, Shape Ape can be used at the receiving block or as a mobile cubing workstation. Shape Ape can also be mounted above any conveyor to capture dimensions of moving products and packages in warehouse, transportation, and freight manifesting applications. In addition, Shape Ape can be used to capture dimensions of large freight in freight terminals and cross-dock applications.

Perfect for fulfillment centers, mail order companies, retailers, distributors, logistics providers, service providers, and other distribution partners, Shape Ape helps you: 1) organize packages by volumetric size at conveyance speeds; 2) determine the volume of items without interrupting the flow of goods; 3) minimize shipping container and packaging material according to package sizes; 4) preselect shipping cartons for operators down the end of the line; and, 5) inspect packages for damage, bulges, or deformities.
Shape Ape does not use expensive laser scanners. Shape Ape uses low-cost, state-of-the-art 3D sensors. Plus, Shape Ape easily integrates with your existing scale and barcode scanner!

**Low-Cost.**

Many existing solutions for cubing and dimensioning use expensive laser scanning systems. Shape Ape, on the other hand, does not use laser scanning technology, but rather uses low-cost, state-of-the-art 3D sensors that were developed for high-performance gaming and robotics applications. Therefore, Shape Ape is much more cost-effective than competing solutions.

**Flexible.**

Shape Ape is designed for a wide range of applications. You can mount Shape Ape anywhere in your facility or mount it on a cart for use as a mobile dimensioning workstation. You can easily integrate Shape Ape with your existing scale and barcode scanner. Unlike competing solutions, Shape Ape captures the dimensions with a single snapshot. No need to wait for the system to scan your part. Laser scanning solutions, on the other hand, require the object to move on a conveyor underneath the laser line or require the laser line to scan along guide rails over the item. This is why most cubing and dimensioning solutions on the market today for inline measurements come with their own conveyance system or guide rails. Shape Ape, on the other hand, does not need a specialized system for scanning – it can be mounted anywhere in your facility, even above existing conveyors.

**Static and In-Motion Dimensioning.**

Shape Ape captures accurate dimensions for both static and in-motion applications.

**Automated Cubing, Weighing and Scanning.**

Shape Ape is a robust and reliable software package that automates the process of cubing, weighing and barcode scanning. Shape Ape is designed to utilize your existing scale and barcode scanner! Simply use the Shape Ape Scale Integration Tool to integrate our industry-leading Shape Ape software with your existing scale. Additional accessories required include a PC, Kinect for Xbox One, Kinect Adapter, and mounting hardware.

Shape Ape is designed for warehouse, transportation and freight handling operations. You can use Shape Ape for a wide range of items, from small handheld packages all the way up to large, palletized freight.

Shape Ape comes with our flagship Shape Ape Software and Shape Ape Scale Integration Tool. Additional accessories required include: Microsoft Kinect v2, Kinect Adapter, PC, mounting, and cables.
Dimensional data is more critical now than ever before. Shape Ape captures the dimensions of small items, irregular shapes, packages, crates, or large palletized freight for static and in-motion applications.

**Static Dimensioning.**

Shape Ape is perfect for measuring regular and irregular shaped products and packages. Shape Ape seamlessly integrates with your existing warehouse management system or outputs the data to a screen for manual data entry. Shape Ape can be used on small, battery-powered mobile workstations or at fixed locations in your facility. Accurate for a wide range of product and package sizes, from 1 inch all the way up to many feet. Shape Ape can be mounted on a table, cart, floor, wall, or ceiling.

**In-motion Dimensioning.**

Shape Ape is designed to capture accurate dimensional measurements of products and packages as they travel on high-speed conveyor lines in warehouse, transportation, and freight manifesting applications. Unlike competing solutions, Shape Ape saves you money because you can mount Shape Ape above any conveyor. Shape Ape captures the dimensions of individual items or bundled items to determine the optimal box size. Shape Ape also helps you accurately determine the dimensional weight of packages.

**Palletized or Large Freight Dimensioning.**

Shape Ape can be used to measure the dimensions of your large-scale items and packages. Perfect for freight terminals and cross-dock applications, Shape Ape does not require an expensive scanning structure composed of guide rails. Rather, Shape Ape determines dimensions from a single snapshot and can be mounted anywhere in your facility – saving you money. Since Shape Ape does not use lasers, you do not need to worry about eye safety issues.

**Robotics and Material Handling.**

Industrial automation and robotics solutions require robust and reliable dimensional data to automate material handling. Shape Ape is designed to enable a wide range of industrial automation tasks that could not have been automated in the past due to high system costs. Perfect for random bin picking, parts picking on pallets and trays, picking position determination, depalletizing of pallets and trays, space optimization, collision avoidance, machine tending, and autonomous robotic navigation.

**Custom Solutions and Integration Services.**

We designed Shape Ape to help you capture dimensional measurements without working with an integrator. However, we understand that you may need help for some applications. Therefore, we provide custom solutions and consulting services to help you leverage the power of Shape Ape. Our services range from free consultations to delivering full turnkey custom solutions. We are quality-driven and have a strong desire to engineer systems that run flawlessly.
Cubing and Dimensioning Solutions

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