PHD Solutions

enVision K150S

Static Dimensioner

Fast, accurate dimensions.
From anywhere, to anything.

The enVision K150S Static Dimensioner eliminates bottlenecks and data entry errors in parcel shipping workflows.

✓ Suitable for capturing reference dim weights for:
- Shipping / e-commerce fulfillment
- WMS product master maintenance
- Containerization
- 3PL Providers
- Product audit

✓ Reduce Dimensioning Errors

Manually measuring parcels is time consuming and error prone. Measurement errors may result in shipping chargebacks or inefficient warehouse space management, which directly affects your bottom line. enVision K150S quickly and accurately automates the process of measuring and weighing* to ensure correct dim weight calculations and automatically uploads transaction history including images to our secure enVision Cloud platform.
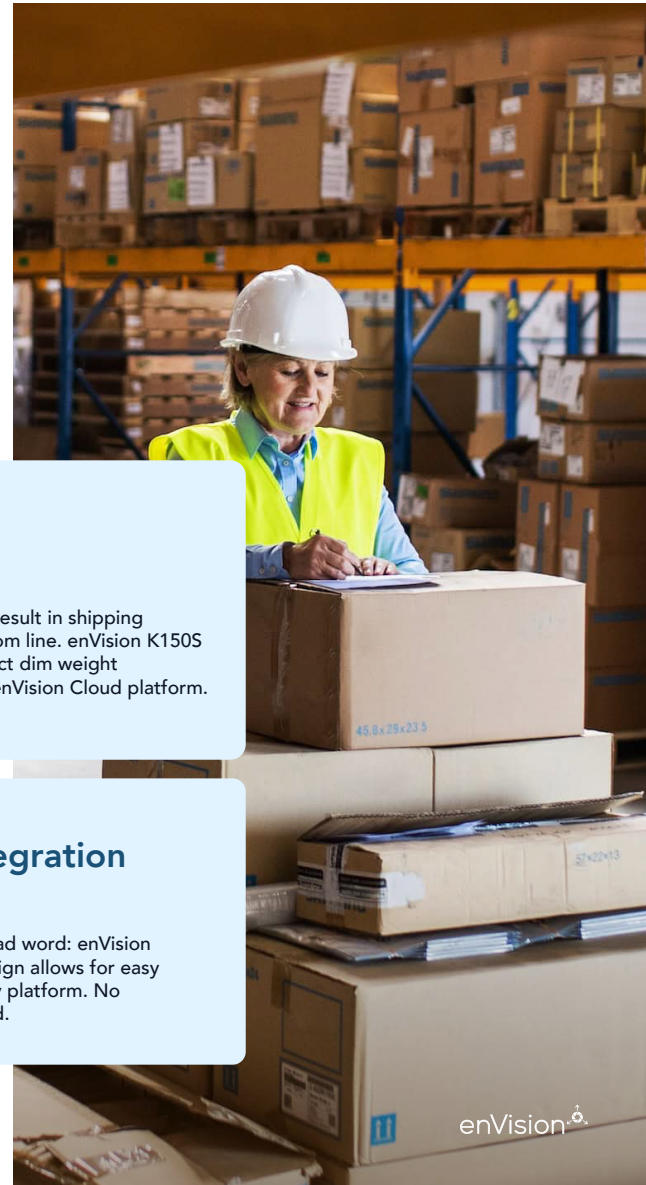
*when paired with one of many supported scales.

✓ Streamlined Setup and Usage

Purpose built for ease of setup, installation, integration and use, the enVision K150S will be up and running within minutes of unboxing.
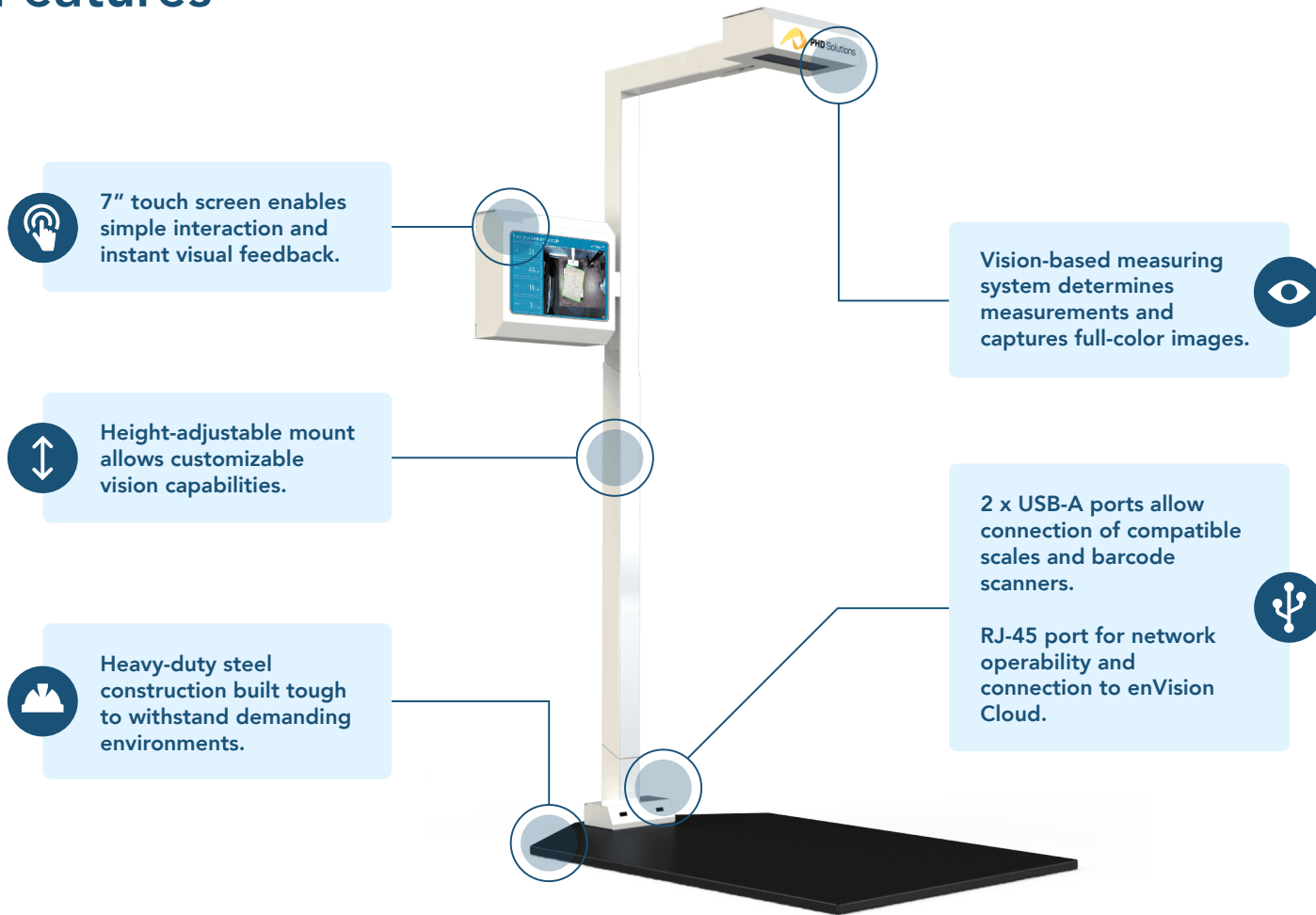
✓ Easy Integration

Integration is no longer a bad word: enVision K150's cloud-optimized design allows for easy integration into virtually any platform. No additional software required.

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Features

7" touch screen enables simple interaction and instant visual feedback.

Vision-based measuring system determines measurements and captures full-color images.

Height-adjustable mount allows customizable vision capabilities.

2 x USB-A ports allow connection of compatible scales and barcode scanners.

RJ-45 port for network operability and connection to enVision Cloud.

Heavy-duty steel construction built tough to withstand demanding environments.

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Low Effort Integration

Integration, often a barrier for new hardware procurement & implementation, is now simple and seamless thanks to the enVision Cloud Platform.

Advantages / Benefits of the enVision K150S with enVision Cloud:

Trigger measure operations from the Cloud from anywhere, to anything.

Integrate with any application, whether web-based or locally installed.

Eliminate the need to manage local device IP addresses. enVision hardware can live on the edge of your network.

With existing support for a growing list of major Shipping and WMS platforms, enVision may already be integrated into your existing technology. Contact us for more information.

Need to integrate with an unsupported platform or mainframe system?

We have you covered with enVision Flow: an easy-to-use application that acts as a virtual keyboard wedge, enabling injection of weight & dimensions into any system.

Suitable for use with:
- 3rd-party shipping platforms (courier shipping systems & websites)
- Mainframe terminal-based emulation systems
- MS Word, Excel, Access & more

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Technical Specs

Capabilities

Accuracy	0.5 cm (0.2 in)
Maximum Object Size (L x W x H)	92 x 60 x 60 cm (36 x 24 x 24 in)
Minimum Object Size (L x W x H)	6 x 6 x 6 cm (2.4 x 2.4 x 2.4 in)

Dimensions and Weight

Physical Dimensions (L x W x H)	61 x 46 x 126 cm (24 x 18 x 49.5 in)
Net Weight	Approx 19.5kg (43 lbs)

Object Requirements

Object Shape	Singulated Cuboidal objects. Singulated Non-cuboidal shapes (cylinder, donut, irregulars)*
Object Surface	Opaque objects. Highly reflective surfaces may incur performance deviations.

Measurement Time

Time	<= 500ms

Display

Display/Input	7" ELO Touch color display

Power

Power Supply	120V AC external power adapter
Input Voltage	12 V / 3000 mA

Interface Connectivity

Connectors	2x USB, 1 x Ethernet RJ45
Host Protocols	HTTP API

Operating Environment

Ambient Lighting	Avoid direct sunlight and bright overhead lighting
Temperature / Humidity	10° to 40° C (50° to 104° F) / Non-condensing

Peripheral Interfaces

Scale Interface	USB
Barcode Reader Interface	USB

*Pending

Our Products and Services

enVision Ecosystem

The enVision Ecosystem offers a range of products and services, including enVision Cloud Portal and APIs that provide instant access and insights to your data.

Software Development & Integration Services

We think we thought of everything, but if you need help with integration or looking for something custom, don't worry. Our seasoned team of software developers, hardware engineers and operations experts are ready to work with you and your stakeholders to ensure a smooth enVision onboarding experience.

Peripherals & Tools

Take your enVision hardware to the next level with peripheral add-ons such as Avery Scales and Cognex high-speed barcode imagers.

Warranty and Support

Ask us about our white-glove support and warranty services.

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Contact PHD Solutions to learn more about enVision K150S