



**Konica Minolta**, the world's largest provider of 3D scanning solutions, and **Direct Dimensions, Inc.**, the world's most prolific 3D scanning solution provider, are pleased to announce the newest addition to our 3D product line:

## **VIVID 910 fw**

The versatile VIVID line of 3D scanners is the product of choice for a wide variety of applications. All VIVIDs feature camera-like ease-of-use, portability, fast scanning time and an unequalled level of price-performance. Konica Minolta's Polygon Editing Tool (PET) Software is included with each scanner so you can begin creating useful models as soon as you open the box.

Customers use our 3D scanning solutions for a wide variety of industries. The list of applications increases every day.

- Anatomical capture
- Medical
- Face Scanning
- Game Development

Web Content  
Crystal Images

Entertainment  
Prosthetics



# VIVID Line – Features and Benefits

Each model in the VIVID line offers outstanding benefits...

Feature:	VIVID 910 <i>fw</i>
<b>Portable</b>	<p>At 25 lbs. The <b>VIVID 910 <i>fw</i></b> has a viewfinder and a quick release base unit. Industry standard photographic tripods can support the scanner. The Vivid can be oriented in any position required for optimal scanning.</p> <p>Both desktop and tripod stands are available as optional accessories.</p>
<b>Fast Scan Time</b>	<p>By collecting 76,000 data points in just 0.3 seconds, the VIVID <b>VIVID 910 <i>fw</i></b> scanner is ideal for human subjects, eliminating the blur caused by movement. The class I laser is <b>completely eye-safe!</b></p>
<b>Easy To Use</b>	<p>Aim and shoot. The <b>VIVID 910 <i>fw</i></b> is ready to use. It captures shape and color in one easy step. The point-and-shoot simplicity of auto focus and auto exposure enables anyone to get expert results.</p>
<b>Versatile</b>	<p>The <b>VIVID 910 <i>fw</i></b> can capture scan areas from 36X27 up to 90X120 cm. The subject can be located from 0.6 to 2.0 meters from the scanner.</p>
<b>Color Texture Maps</b>	<p>The <b>VIVID 910 <i>fw</i></b> utilizes a single lens system to capture texture map images with zero parallax. Full color and B/W images are supported.</p>
<b>Utility Software Features</b>	<p>All of the VIVID scanners include Minolta's own polygon editing software suite that allows the user to register (align) and merge multiple scans (both geometry and color data), fill holes, smooth surfaces and export the data to various formats.</p>

## VIVID 910 *fw* Specifications

Specification	VIVID 910 <i>fw</i>
<b>Range Resolution (Z-Depth)</b>	0.336 mm at highest resolution (600mm to object.)
<b>Resolution (X&amp;Y)</b>	1.12 mm at highest resolution
<b>Data Points per Scan</b>	76,800
<b>Scan Time</b>	0.3 Seconds
<b>Optics</b>	8mm Wide-Angle Lens
<b>View Finder</b>	5.7" Color LCD Display
<b>Distance to Object</b>	0.6m to 2.0m
<b>Field of View (FOV per scan)</b>	From 360mm X 270mm up to 900mm X 1200mm
<b>Color Resolution (Per Scan)</b>	640 X 480 X 24 bits color depth
<b>Safety</b>	Class 1 Laser (FDA) Eye Safe.
<b>Power</b>	100 – 240 VAC 50 – 60 Hz Auto Switching
<b>Reliability</b>	With over 1500 units in use world-wide, the VIVID line of 3D scanners has been proven the most reliable in the industry. Produced in compliance with ISO 9001 quality standards.

**DIRECT**<sup>®</sup>  
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