



# **VIVID**

## INTRAORAL CAMERA

EXCEPTIONAL IMAGES. EXCEPTIONAL VALUE.



Exceptional Images. Exceptional Value.

# VIVID

## Intraoral Camera



### High tech inside; soft-touch outside

- Unique, state-of-the-art camera hand piece design
- Lightweight ergonomic design fits all hand sizes comfortably
- Raised control button gives instant feed back
- Capture button functions on release for added stability
- 6.5-foot camera cable provides ample reach
- Foot pedal option available
- Three camera cable lengths available:
  - 6.5 feet ( 2m) standard
  - 10 feet (3m) or
  - 30 feet (9.1m) optional

### Capture bright, true-color images

- Color-balanced, high intensity 8-LED light array provides bright, true to life images
- Optimized depth-of-field captures close-ups and arch in detail without the need to manually change focus
- Progeny designed optics and video stream produces a smooth, high-quality image



[Rail mount]

[Rail mount]

Choose the mounting option right for your practice. Every Vivid System includes both a wallcounter top cradle and a delivery unit mount that can be attached directly to your hand piece delivery system.

## USB 2.0 for simple plug & play installation

Vivid is the easy-to-install, easy-to-use choice for intraoral exams. The powerful simplicity of USB 2.0 speeds installation on both XP and Vista Operating Systems and puts your Vivid Camera to work for you within minutes. Extended depth of field, easy capture functionality and convenient portability make Vivid an excellent choice for every digital practice.

Unique "comfort curve" design makes a full mouth survey effortless, even reaching the hard-to-access third molar with ease.

## Capture images with Progeny Imaging Software

- Displays and saves images as you work
- Tile selected images for on screen comparisons and patient education
- Magnify areas of interest with "spotlight" tool
- Unique Color Chart included. Use to balance monitor color output for optimized image color



*Vivid can be used with many popular imaging software programs. Contact your Progeny representative for a complete list.*

# VIVID INTRAORAL CAMERA

## SPECIFICATIONS

<b>Power Input</b>	Powered via USB 2.0 110-230 V: Optional USB Hub 50-60 Hz
<b>Light Source</b>	8 high intensity, color balanced LEDs
<b>Light Intensity</b>	1120-1400 mCD
<b>Optics Focus Type</b>	Glass
<b>Image</b>	<i>Video:</i> Sony 1/4" CCD Chip <i>Resolution:</i> NTSC—525 lines; PAL—625 lines <i>Type:</i> True <i>Scanning:</i> 2 to 1 interlaced <i>Output Signal:</i> USB Video 640 x 480
<b>Focal Range</b>	5mm to 50mm
<b>Angle of View</b>	<i>Field of View:</i> 45 degrees <i>Viewing Angle:</i> 90 degrees
<b>Dimensions &amp; Weight</b>	
<i>Handpiece length</i>	20 cm
<i>Handpiece diameter</i>	25 mm
<i>Cable length</i>	6.56 ft (2 m) 10 ft (3m) Optional 30 ft (9.1m) Optional
<i>Module</i>	16.4 cm x 10.7 cm x 3.3 cm
<i>System total weight</i>	0.6 kg
<i>Handpiece weight</i>	80 grams

## SAFETY

<b>Camera Operating Temperature</b>	+10 to +40 o C (+50 to +104o F)
<b>Storage Temperature</b>	-30 to +85o C (-22 to 185o F)
<b>Relative Humidity</b>	5% to 95% non-condensing
<b>Altitude</b>	0-10,000 feet
<b>Cooling</b>	Convection cooling to ambient air
<b>EMC Ratings</b>	<i>Complies with following standards:</i> <ul style="list-style-type: none"> <li>• EN60601-1 Product Safety</li> <li>• EN60601-2 EMC Immunity</li> <li>• EN55011-Class B EMC Radiated and Conducted Noise</li> <li>• 93/42/EEC-European Medical Device Directive</li> </ul>
<b>Computer requirements</b>	
<i>CPU speed</i>	2GHz or better
<i>Operating System</i>	Vista, Windows XP with Service Pack 2
<i>RAM</i>	512 MB minimum
<i>Hard Drive</i>	40 GB
<i>USB ports</i>	2 minimum
<b>Monitor recommendations</b>	
<i>Resolution</i>	1024 x 768
<i>Contrast ratio</i>	450:1, .22 dot pitch capability

*Specifications subject to change without notice.*

*Each Vivid Camera System includes a Camera, Camera Cable, USB cables, USB Power Module, Installation Software, Wall Mount, Delivery System Rail Mount, USB Port Hub, Color Correction Card and a sample pack of sanitary sheaths.*



More Than Imaging. Excellence.

### Progeny Dental

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For more information, contact your Progeny representative today.