Intraoral Camera Systems

Technical specifications

**Camera**
- Power Input: 6 Volts DC
- Power Consumption Standby: 210 milliamps (1.26 watts) at 6VDC
- Weight: 0.4 Kg (0.9 lbs.)
- Width: 19.0 mm (0.75 inch)
- Depth: 190.5 mm (7.5 inches)
- Height: 19.0 mm (0.75 inch)
- Cable length: 2 meters or 2.95 meters
- Lamp: 12V 75W halogen bulb (Average bulb life: 2,000 hrs.)
- Resolution: 480 TV lines
- Angle of View: 62°
- Direction of View: 93.5°
- Focal Range: 1 mm to infinity
- Charged Coupled Device: 0.25 inch

**Universal Docking Station**
- Input Range: 90 v to 260 v
- Electrical Output Ratings: 2.7 Kg (5.9 lbs.)
- Weight: 254 mm (10.0 inches) [Add 30 mm (1.2 inches) for Holster]
- Length: 305 mm (12.0 inches) [Add 25 mm (1.0 inch) for Holster]
- Height: 64 mm (2.52 inches)
- Input Fuse (2): Replace only with equivalent type
- Internal Secondary Fuse (Inline Fuse Holder): Secondary Fuse is contained internally in the Power Module and must be replaced by a qualified service technician.

**System—Environmental**
- Classification—Ingress Protection: IPX0
- Classification—Console and Power Supply: Medical Grade
- Classification—Handpiece: Cabled camera head, Medical Grade Type BF
- Environmental conditions for transportation and storage: -10 – 40°C
- Environmental conditions for operation: 10 – 40°C

**System—Conformance**
- NTSC, PAL, Evaluated to the requirements of IEC-601-1, CSA 601.1, UL2601-1, EN6061-1-2
- Suitable for continuous operation: Yes

- Increased productivity
- Image quality rated #1
- Ergonomic and easy to use

www.gendex.com

Gendex. Imaging Excellence.

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Gendex. Imaging Excellence.
AcuCam® Concept™ IV

Superior image quality

Image Clarity
A 1/4” charged coupled device (CCD), direct optical system, and large aperture yields a sharper image.

Color Quality
The filter system in Concept IV presents soft tissue, enamel, dentitia, amalgams, gold onlays, and more in their natural color.

Portable
By integrating the high resolution digital processor into the handpiece, the Concept IV camera is one of the smallest — and therefore the most portable — camera available.

Flexible Yet Durable
Monocoi Cable
Reduces cable torque and minimizes resistance when working with the handpiece.

Ergonomic Design
Improved ergonomic design of the hand-piece provides a comfortable grip and confidence in using the Concept IV intraoral camera.

Easy networking and connections

Each AcuCam® Linx is equipped with an operator control panel that has a status indicator print button for each treatment room.

One AcuCam® Linx will video network up to six treatment rooms and one centrally-located printer. Both S-Video and Composite Video are compatible with the AcuCam Linx.

One central location for connections to foot control, S-Video, Composite Video, Remote Control devices, and AcuCam Linx to multiple operatories.

Ideal for your dynamic practice

Increased Productivity
with four full-sized images that allow you to review captured images while your camera is working in another operatory.

Sophisticated Case Presentation
when referring patients to colleagues.

Image Manipulation
Quickly take up to 6 widely varying images while affording complete patient comfort with the Unilens feature. Other images manipulation features include:
- **Zoom** magnifies image 2x from center
- **Flip** flips image vertically
- **Mirror** flips image horizontally
- **Rotate** rotates image in 90° increments

Angle of view — 62°
Wide angle of view allows you to capture up to seven teeth in a single frame.

Retroflex viewing — 97.5°
Allows you to see the distal surface of upper molar.

Depth of Field
Focal range from 1mm to infinity. Images from full face and smile to the demanding distal surface of the upper third molar can be captured with the Concept IV.

One central location for connections to foot control, S-Video, Composite Video, Remote Control devices, and AcuCam Linx to multiple operatories.

System configurations

Stand-Alone configuration

Network configuration

Digital practices

For digital practices, Gendex offers the Accucam Concept IV FWT camera with direct digital FireWire technology. This digital system combines the superior image quality of the Concept IV handpiece with the convenience of digital imaging.

Increased Productivity
with four full-sized images that allow you to review captured images while your camera is working in another operatory.

Sophisticated Case Presentation
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Smart Panel
tells you when your centrally-located printer is out of paper or requires assistance so you never have to make a wasted trip.

Greater Level of Patient Care
Opportunity for co-diagnosis and informed consent in the ongoing patient oral health care.

Practice Image
The perception of your practice can be enhanced with Accucam Concept IV.

Document Your Work
with sharp video images that present cases in their natural color.

Ergonomic Design
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