

Dental Examination Camera

AMD-7115



“A Picture is Worth a Thousand Words”

The *Dental Examination Camera* is used in telemedicine applications to capture images of intraoral structures and teeth. These digital images are then used to provide teledentistry consultants with the data they need to analyze a patient's current situation and then plan for appropriate dental treatment solutions. This IRIS Dental Camera can also be used to augment and enhance a clinical telemedicine exam that requires intraoral analysis.

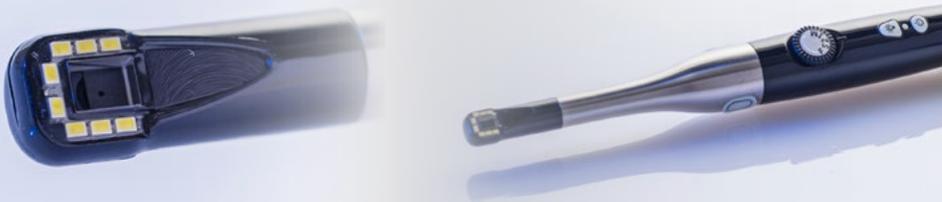


Capture High Resolution
Images of Intraoral Structures
and Teeth



Product Features:

- Built-in 8-point white LED lighting and precision optical lenses for best-of-class image sharpness.
- Slimmer, smaller acrylic soft-tip on stainless steel.
- Dual capture buttons for easy left and right hand use.
- 5-Point focus wheel for precise focusing from macro to infinity.
- Lights and camera on/off buttons located conveniently on the handpiece.
- Sony Hi-Resolution CCD for the finest picture quality.
- Unique USB 2.0 connector fits standard delivery units.



Quick. Easy. Instant.

Technical Specifications:

Physical Specifications:

- **Length:** 8.185" (208 mm)
- **Diameter:** 1.065" (27 mm) at largest selection

Operating Conditions:

- **Temperature:** 32° F to 122° F (0° C to 50° C)
- **Humidity:** max. 95%

Power:

- USB 2.0 connection
- Power consumption: max. 500 mA
- Operating mode: DC 5 V +/- 10% (through USB 2.0) / Max. 500 mA

Imaging:

- **Scanning lines:** 625 lines
- **Scanning frequency horizontal:** 15.734 kHz
- **Scanning frequency vertical:** 50 Hz
- **Aspect ratio:** 4:3
- **Signal/noise ratio:** (SNR) > 56dBp-p/rms
- **Video imaging device:** Sony 1/4" Hi Resolution CCD 752 (H) x 582 (V)
- **Focus range:** 1 mm to Infinity
- **Angle of view:** 90°
- **Focus:** manual, multi-stop focus wheel macro to Infinity
- **Light source:** 8 white LED array, rated 100,000 hours lifetime. Light switch button on handpiece allows LEDs to be turned off.
- **Video output:** USB 2.0 (YUV 4:2:2)

System Requirements: PC System with 2.0 Ghz, 1 GB RAM Windows XP SP2
32-bit Windows Vista Business 32-bit SP1 USB 2.0 interface



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