

Brilliant 8-point white LED lighting and precision optical lenses for best-of-class image sharpness

Slimmer, smaller soft-tip on stainless steel

Dual capture buttons for easy left and right hand use

Multi-stop Focus Wheel for precise focusing from macro to infinity

Lights and camera on/off buttons

Unique USB 2.0 connector fits standard delivery tray slots



 IRIS

### Product Specifications:

#### IRIS USB 2.0 INTRAORAL DENTAL CAMERA

##### FEATURES:

Digital signal processor  
10 bit ADC  
USB powered  
Camera and light on/off buttons  
Convenient dual capture buttons  
8-point white LED lighting  
Acrylic soft-tip with stainless steel

##### POWER:

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

##### IMAGING:

Scanning Lines: 625 lines  
Scanning frequency horizontal: 15.734 kHz  
Scanning frequency vertical: 50Hz  
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: 1mm 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)

##### PHYSICAL SPECIFICATIONS:

Camera handpiece (Approx.)  
Length: 208mm  
Diameter: 27mm at largest section  
Environmental conditions: Temperature: 0° to 50°C  
Humidity: max. 95%

##### SYSTEM REQUIREMENTS:

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