

# C-U2, just right for me!

Portable, simple, fast: high definition and technological reliability, as part of a miniature revolution. C-U2 becomes your new method of working, communicating, imagining. **Just right for you.**



IMAGES	
Type	Intraoral, Extraoral (Video footage; Still image)
Focal depth	5 - 70 mm (for structures up to 60 µm)
Visual angle	90° (diagonal)
Optical system	7 High purity glass lenses, F/8
Illumination	8 LED's with adjustable intensity
Frame rate	30 frame/sec.
Digital sensor	HD CMOS, Progressive Scan
Resolution	1280 x 720
Image format, video	16:9
Enlargement (monitor 22")	50x (Intraoral)
Maximum definition	20µm (Intraoral)
ERGONOMICS	
Size of distal section	9.5 mm (0.37 inches)
Length of hand piece	205 mm (8.07 inches)
Weight of hand piece	65 grams (2.3 ounce)
Retroflexion	Yes (95°)
Handle and connector	Stainless steel
CONNECTION	
Length of USB cable	1.8 m (16.40 feet); Can be extended to 5 m (16.40 feet) with USB-fed HUB
PC / MAC	Automatic (without driver)
Gates	USB 2.0 Hi-Speed and USB 3.0
USB foot pedal	For freeze-frame, saving (compatible)
Power source	5V DC - 500mA (equipped with USB)
SYSTEM'S MINIMUM REQUIREMENTS	
Operating system	Microsoft® Windows® 8 - 7 Apple® Mac OS X 10.5 Leopard
Processor	1.0 GHz or higher
Memory	512 MB RAM
Display resolution	1280x720 at 32 bit true colour
Graphic card	DirectX 9.0 compatible



[www.my-ray.com](http://www.my-ray.com)

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**C-U2**  
Intraoral HD Camera



**FOCUS-FREE**

It does not require manual adjustments, thanks to the wide 5 to 70 mm depth of field; images always in focus. Maximum simplicity, perfect images.

**MULTIFUNCTION BUTTON WITH DYNAMIC ZOOM CONTROL**

Image zoom, scroll and acquisition free from vibrations. The simplicity of a trackpad in just one button.



**ERGONOMIC TIP**

9.5 mm thick, retroflex optics 8 mm away from the tip, 90° field of view. Wide view for every need. Unmatchable flexibility, at any moment.

**HD OPTICAL SYSTEM**

A high definition 16:9 sensor and a precision optical system combine to give rise to a new, increasingly efficient communication.

# Let's see.

Reality has never been so clear. High definition details and innovative design for maximum comfort. C-U2: the perfection of a complete high definition examination.

It shows the patient, in real time, images and footages for the sake of direct and effective communication. Precise, sharp and clear, only C-U2 offers you clear and contrasted images under all circumstances. It shows the aesthetic aspect of a smile or a single tooth with maximum high resolution. The best.

**IMAGINE.** Professional optical system and uniform field of view, distortion-free. Thanks to the F/8 lens aperture and the innovative HD sensor, you get homogeneous lights and natural colours. Under all circumstances.

**MOVE.** Multifunction button and automatic Focus-Free adjustments: view, browse, enlarge, save. The flexibility of a Track Pad in just one button and automatic parameters for maximum comfort, with maximum results. The diffuse 360° back-lighting visualizes the state of the handpiece under any condition of use.

**SHARE.** Communication with the patient has never been so simple: view, share, inform. All in one click. Store and process the images on a PC thanks to the last generation MyRay software platform: iRYS.

- HD sensor (16:9)
- 8 powerful LED's with optical diffuser
- Optical group with 7 high purity glass lenses, F/8
- 50x enlargement
- Direct Digital Technology (Progressive Scan)
- Native USB Connection



**HD VISION**

The new frontier of high definition. Yours. C-U2 is innovative because it offers very high quality images and is easy to use. Maximized field of view, 7 glass lenses, diffused illumination with 8 LED's and a last generation 16:9 sensor. Excellence at your service, at any moment.



**PLUG & PLAY**

Digital video system (Progressive Scan) incorporated into the handpiece, for complete flexibility and perfect image capture: move the camera around, connecting it by USB. Automatic on/off, live video and still images: as easy as imagining.



**FREE TO IMAGE**

Perfect under all circumstances: thin tip (9.5 mm) with optics boasting a wide field of view (90°), partially retroflexed for the sake of very comfortable intraoral investigations. Nimble and precise, with a distance of only 8 mm between the centre of the optics and the end of the handpiece. The innovative multifunction button ensures maximum freedom and ease of use.



**SECURE CONNECT**

A connector reinforced with stainless steel and the flexible USB cable make the hand piece nimble and safe to use under all circumstances. C-U2 quickly connects to your laptop and is easy to use, thereby always offering you the best results in the shortest time possible. Full examinations, maximum reliability and flexibility, perfect results.