

# Intraoral Cameras



Intraoral Cameras  
from Carestream Dental

A tradition of superior quality  
and ease of use for better patient care.

# CS 1600 Intraoral Camera

Using Carestream Dental exclusive technology, the CS 1600 dual-modality intraoral camera makes caries screening and detection extremely simple – all the while delivering the highest image quality in the industry.\*



## Unparalleled workflow

Unlike other devices that require multiple readings for each tooth, the CS 1600 provides a streamlined “scan and detect” workflow for more efficient exams.

## Here’s how it works:

1. CS 1600 highlights areas of concern during video screening
2. Capture still images to further analyze and communicate results
3. Colorful signals and numerical quantification correlate to possible caries degree
4. Images are then saved to your patients’ chart so you can track disease progression/regression over time



CS 1600 highlights areas of concern during screening.



Numerical values correlate to possible caries degree.



\*Based on manufacturers published specifications of leading intraoral camera manufactures as of November 2011, see website for details.

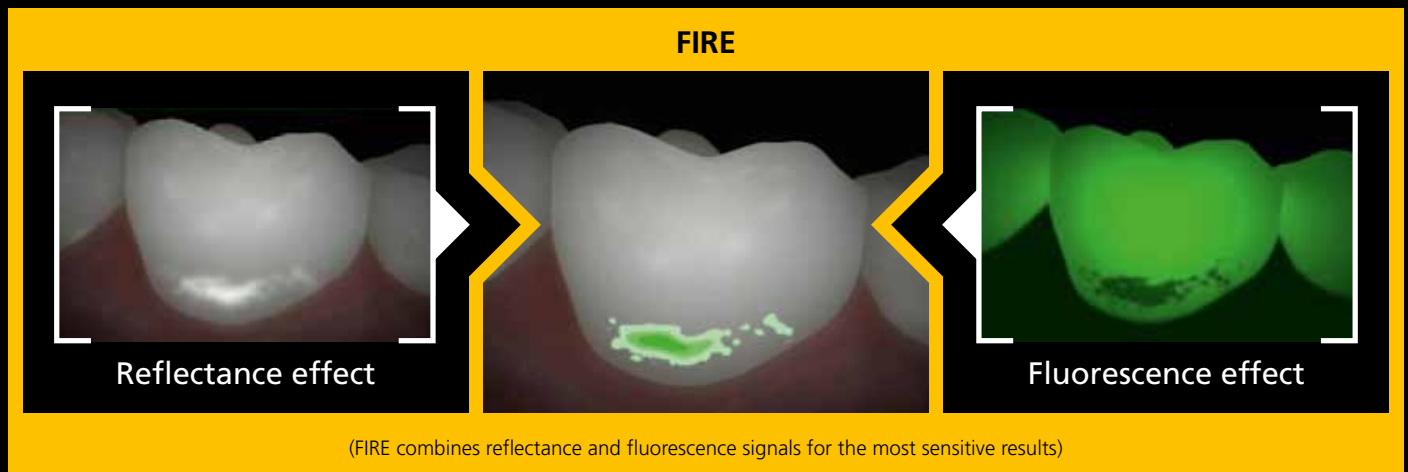
# Innovative features

Combined with a true liquid-lens autofocus, optional polarizer feature, and sophisticated 18-LED illumination system, the CS 1600 delivers the highest image quality imaginable while aiding in the detection of suspicious incipient caries on both smooth and occlusal surfaces. At the same time, dual capture buttons ensure ease of use, promoting smooth handling for both arches.

## Revolutionary technology

The CS 1600 features exclusive Fluorescence Imaging with Reflectance Enhancement (FIRE) technology to aid in the detection of carious lesions. FIRE combines fluorescence and reflectance effects to identify potential lesions in both fissures and on smooth surfaces, while a

color-coded system highlights suspicious spots to visually indicate percentage range of suspected fluorescence loss. Associated quantification table and numerical values that may correlate to demineralization level further enhance patient communication.



A unique polarizer feature enhances white light images for the clearest view of tooth surfaces – a critical requirement for accurate caries detection and visual examination.



18 LEDs  
(6 blue, 6 white polarized,  
6 white non-polarized).



# CS 1500 Intraoral Camera

Available in both wired and wireless models, the CS 1500 intraoral camera combines industry-leading image quality with flexibility to form one easy-to-use camera that truly redefines the way you communicate.



## Promote conversations

From portraits to macro views, the camera delivers consistently clear, high-resolution images that can be easily shared with patients – so they see exactly what you see and are more likely to accept your treatment recommendations.



High quality images in a wide range of views.

## True automation

The camera's true liquid lens autofocus works like the human eye to adjust focus based on the distance between the camera and the object – no manual adjustments required. Meanwhile, the 8-LED lighting system intuitively adjusts to your current lighting conditions to optimize illumination and contrast levels automatically.

## Simple workflow

Since the CS 1500 camera requires no manual adjustments, image capture is easier and faster than ever. The ergonomically designed and lightweight hand piece fits comfortably in either hand and can maneuver even the most hard-to-reach areas. In addition, the camera's single image capture button generates high-resolution images and automatically saves them to your computer or SD card.

## Easy to share and use

Capture still images or videos with the CS 1500 camera and quickly display them on your PC or video monitor. Choose the wireless version for complete freedom of movement, or connect the camera to your computer directly via USB. The wireless CS 1500 camera supports AV and S-Video connections, eliminating the need for computers in every operatory. Whichever option you prefer, the CS 1500 camera is easy to share throughout your practice.



Auto-adjustable 8-LED illumination system.

# CS 1200 Intraoral Camera

Combining ease of use and multiple connections for easy sharing, the CS 1200 makes quality intraoral imaging highly convenient and affordable.



## High image quality at an affordable price

As a high-quality entry point into digital imaging, the CS 1200 combines both quality and affordability to create one exceptional camera that fits easily into any practice's budget.



High quality images capture cracks, caries and other anomalies.



## Sharing just got a whole lot easier

Capture your patients' images and then review them directly from the camera. With its ability to store up to 300 images within the camera, the CS 1200 completely eliminates the need for memory cards or computers in each operator. What's more, the camera supports both PC and analog displays and a variety of connections (USB, S-Video, and AV) to make sharing more flexible and convenient than ever.

## Intuitive optical system

The CS 1200 features an auto-adjustable 6-LED illumination system to ensure perfectly lit images in any lighting condition. For further flexibility, the camera also features a generous 3mm-25 mm focus range that allows users to capture a variety of views.



6-LED illumination system auto-adjusts to any practice lighting condition

# Intraoral Cameras from Carestream Dental

## Superior image quality

Our intraoral cameras are designed to provide superior image quality and exceptional ease of use. All of our cameras feature high image quality (1024 x 768) to help you and your patients quickly and easily view even the smallest details such as cracks, caries and other anomalies.

High quality images capture details invisible to the naked eye.



Plus, their compact and lightweight design ensures maximum comfort for users and patients alike. **The result:** stunningly clear, highly detailed images with each and every use.



## Ideal conversation starter

High-quality images allow your patients to finally see what you see. Such powerful visual evidence enhances communication and helps your patients make more informed decisions regarding their treatment options – which in turn can increase case acceptance. Images can also be saved to the patient record to monitor conditions over time, document procedures during treatment, or to share with other practitioners.

## Superior optical systems

All of our cameras include state-of-the-art LED illumination systems that automatically adjust to ensure perfectly and uniformly lit images in any practice lighting condition. Sophisticated optical systems provide true-to-life colors and clarity while wide focus ranges capture a variety of views including macro, smile, full arches, and portraits\*.

\*Portrait image capture is limited to the CS 1500 camera and CS 1600 intraoral camera systems.



# Which camera is right for you?

## Sharing made simple

Our intraoral cameras can be easily shared throughout the entire practice, eliminating the need for multiple instruments. For added convenience and flexibility, our cameras support a variety of connection methods including USB, S-Video, AV, and even Wi-Fi.

## Easy integration

TWAIN compliancy ensures our cameras will integrate smoothly with your current imaging software – whether you use Carestream Dental's imaging software or a third-party program.

## Easy to learn and use

Ergonomically designed for usability, our cameras can be used by both right- and left-handed users, and fit comfortably in hands of all sizes. The cameras' rounded heads and tapered shapes promote a more comfortable experience for patients and conveniently placed "one click" image capture buttons make it easy to obtain compelling still images and videos.

Feature	CS 1600	CS 1500	CS 1200
Caries detection aid	Yes	No	No
Still image resolution	1024 (H) x 768 (V)	1024 (H) x 768 (V)	1024 (H) x 768 (V)
Video resolution	640 x 480	640 x 480	640 x 480
Focus range:	1mm -infinity	1mm -infinity	3mm-25mm
Polarizer feature (glare reduction)	Yes	No	No
Portrait images	Yes – independent portrait mode	Yes	No
Liquid lens autofocus	Yes	Yes	No, fixed focus
Dual button capture	Yes	No	No
Connection	USB (direct to PC)	USB (direct to PC) S-video (direct to monitor)* AV (direct to monitor)*	USB (direct to PC) S-video (direct to monitor) AV (direct to monitor)
Display	PC	PC, video, analog*	PC, video, analog
Wireless (Wi-Fi) option	No	Yes	No
Illumination system	18 LEDs (6 blue, 6 white polar- ized, 6 white non-polarized)	8 LEDs	6 LEDs

\*Only available with wireless camera



Camera holder



Collars for caries screening



Hygienic sheaths



Variety of cables

### Accessories to get started

Our intraoral cameras come with all of the accessories you need to get the most from your purchase. From a mountable camera holder and disposable hygienic sheaths to a variety of cables (USB, S-Video, AV)\*, everything you need to start capturing great images immediately is included.

\*Accessories vary by product.



### Expert service and support

Like all Carestream Dental products, our intraoral cameras are backed by exceptional service and support. Your purchase also includes a full one-year warranty, with the option to expand these terms for maximum return on investment.

## Would you like to know more?

For more information, please contact us at 00800-4567 7654 (toll free) or by email at [europedental@carestream.com](mailto:europedental@carestream.com). Please visit us online at [www.carestreamdental.com](http://www.carestreamdental.com).