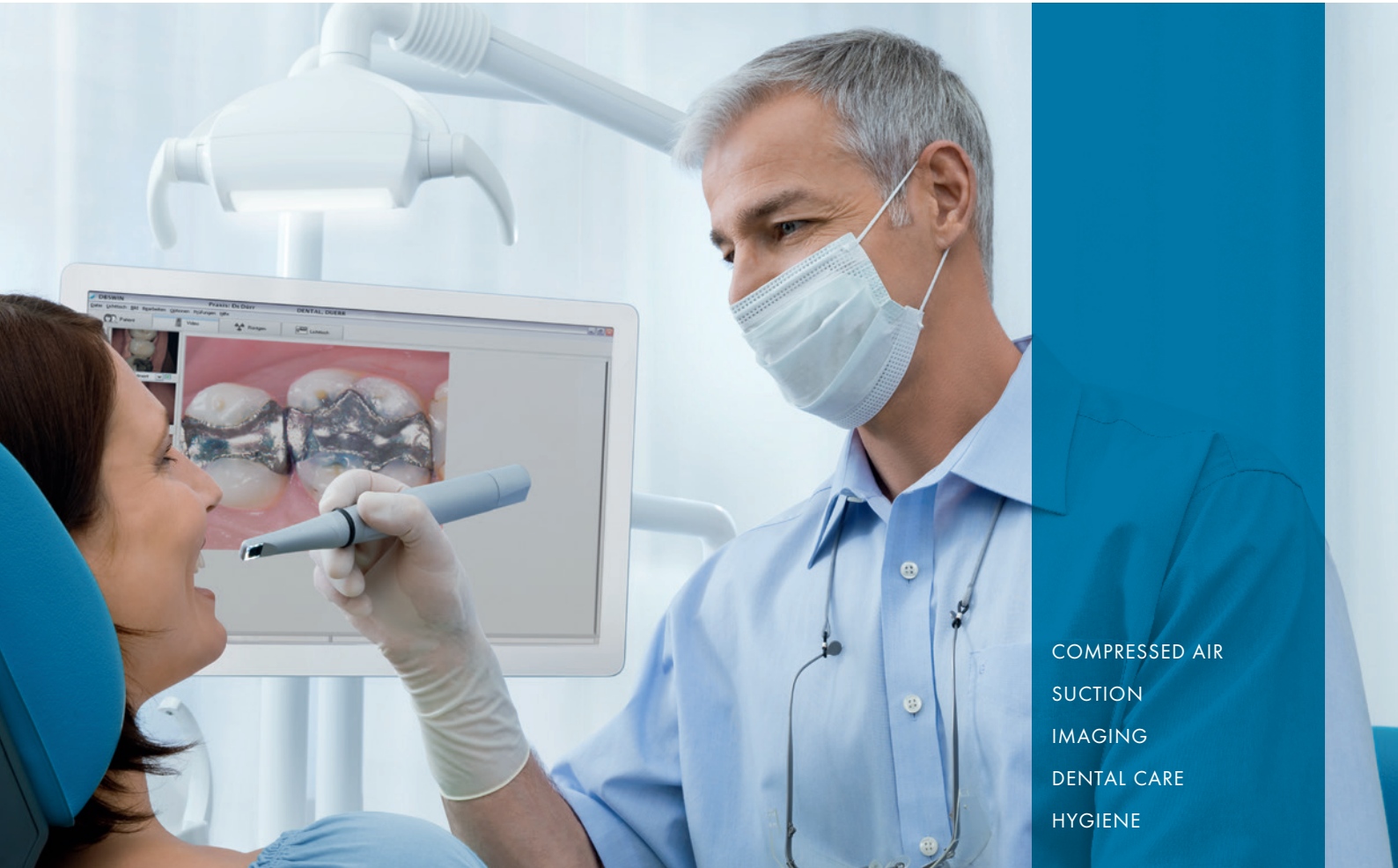


VistaCam camera systems – for successful diagnostics and communication



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Win your patients' trust with great images

Intraoral camera systems from Dürr Dental provide valuable help when you carry out dental treatments. The visual depiction of intraoral issues ensures that the patient understands the required treatment method.



Advantages for communicating with patients

Images with a VistaCam have the great advantage of showing the situation both before and after treatment thus providing visible proof of success. Whilst the dentist or an assistant operates the VistaCam, the patient can comfortably follow the images on the monitor. This makes treatment understandable and transparent. The result is greater satisfaction on both sides. The VistaCam line offers perfected enlargement functions and produces ideally exposed images – even of difficult-to-access places. The high-quality Dürr Dental IFC optics enable a large depth of field reaching right to the root canal. This means that refocusing is not necessary.

The right system for each surgery

The VistaCam line has the best product for each set of requirements: The VistaCam Digital offers high-quality extra- and intraoral images and macro images. The wireless intraoral camera VistaCam CL.iX combines the high-quality IFC optics with the convenience of mobility.

Dürr Dental – Iris Focus Control (IFC)

- High-quality optics for extra- and intraoral images and for macro images
- Change the aperture and focus at the same time using a knob – saves time and prevents setting errors
- High depth of field
- Macro images with an enlargement factor of 100 enable D1 lesions, edge gaps, and enamel chips to be detected
- High resolution for extremely good detail recognition down to a structure size of 12 µm

VistaCam camera systems – perfect solutions for your needs

A VistaCam significantly increases patient communication in dental surgeries:

Dürr Dental IFC optics are suitable for all applications (intraoral, extraoral, and macro) and produce an excellent image quality that impresses patients even at a glance.

VistaCam Digital – the camera with ergonomic 360 degree capture ring

The VistaCam Digital is fitted with an all purpose control sensor that enables the optimum use of the Still/Live and Save functions in every single image-capturing scenario. Even in the molar area of the upper jaw, the VistaCam Digital saves really high-quality images with no blurring – the operator turns the camera, not his or her hand: The sensitive control function confirms movements in a way that can be felt on the handpiece. The level of sensitivity can be adapted to meet the needs of the specific operator.



Perfect handpiece ergonomics: Setting for extraoral, intraoral, or macro on the IFC adjustable ring, operated with patented 360° all-round manual release



Extraoral



Intraoral



Makro

This is what counts:

- Simple, loss-free, fully digital data transmission
- Ability to be used for all applications (intraoral, extraoral, and macro)
- Dürr Dental IFC optics for excellent image quality
- Ergonomic 360° capture ring
- Easy surgery integration using USB 2.0 or video/s-video
- Convincing diagnostics and patient communication in DBSWIN or via VistaEasy View



Functional and ergonomic: The VistaCam CL.iX wireless camera (front) and VistaCam Digital (rear) with patented 360° all-round capture ring



VistaCam CL.iX – the radio camera that provides wireless freedom

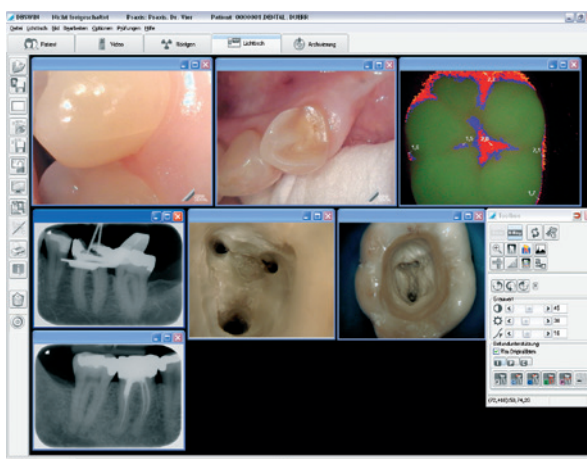
Cables, foot pedals, and fixed devices can slow down the work flow during everyday tasks in the surgery. Here, the VistaCam CL.iX sets new standards for motion and flexibility. The wireless intraoral camera allows the operator to work ergonomically using a manual capture ring or foot pedal. The images are sent to a laptop or PC via radio data transmission and are stored there.

The VistaCam CL.iX combines the image quality of Dürr Dental IFC optics with the convenience of mobility. Its usage possibilities range from diagnostics in the treatment chair to patient communication via software-supported documentation and usage for endodontics and surgical treatment.

DBSWIN – the digital image centre

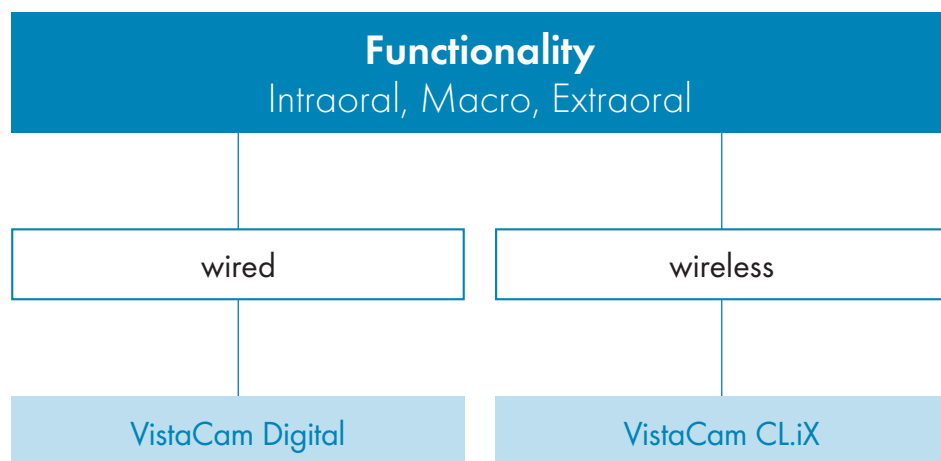
The software DBSWIN was developed in house and brings all digital products by Dürr Dental together: It offers comprehensive image processing tools, filters to support diagnostics, and much more. The imaging software is compatible with all common practice management programs.

VistaEasy View is the easy alternative for anyone who wants to work with the image processing software of another manufacturer, since it can be integrated into practically all third-party software packages. This means that the advantages of VistaCam are accessible even without DBSWIN.



Diagnostics using DBSWIN

The right one for everyone: Finding the right VistaCam



Intraoral and fluorescence imaging
from a single camera - VistaCam iX.
For further information please
ask your dealer!



Data, facts, and accessories

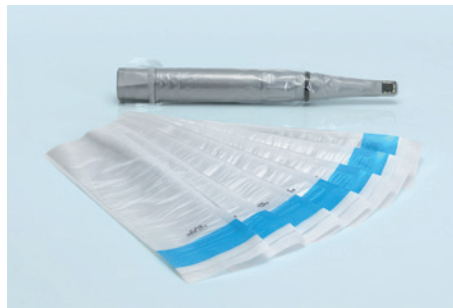
VistaCam Digital and VistaCam CL.iX have 6 LEDs with a light collecting lens, IFC optics with adjustable ring, and a light-sensitive, anti-fog 1/4"-colour CCD sensor. The resolution is 470,000 pixels or max 45 lp/mm, which

corresponds to a structure size (detail recognition) of 12 µm. VistaCam models obtain optimum results in combination with DBSWIN. Alternatively, with VistaEasy almost any third-party software can be used.

Technical Data	VistaCam Digital with manual release	VistaCam CL.iX
Depth of field	Intraoral 24 mm, for structures to 60 µm	Intraoral 24 mm, for structures to 60 µm
Image presentation	True-sided or reversed via PC/Laptop	True-sided or reversed via camera setting
Freeze frame module	On PC/laptop	On PC/laptop
Multi-user application	Plug-and-play, detachable with USB-Y adapter	Channel can be selected
Channels	-	Choice of 5
Radio transmission	-	5.8 GHz ISM band (licence-free)
Transmission path	In scope of delivery, 2.8 m + 0.2 m extension via USB repeater	Designed for 1 patient room or for mobile use
Activation	Handpiece (optional foot pedal)	Handpiece (optional foot pedal)
Battery operation	-	Enables up to 45 minutes of operating time
Weight (g)	200	150
Handpiece length (mm)	207	213
Power supply	USB Y adapter without power unit	NiMH rechargeable battery pack
Battery charger	-	Intelligent design with charge state display
Connections	USB 2.0	USB 2.0



Mobile handpiece holder



Disposable protective sheaths