More versatile than ever!

Cam

1

Macro

2

Proof

3

Proxi

4

Key features:

- Excellent image quality
- Software analysis for the detection of caries lesions and visualisation of plaque through fluorescence
- Diagnostic aid for detection of proximal caries – without any radiation exposure
- Multi-user capable
- Images are saved in the Imaging Software from Dürr Dental

One camera, many options

Technical data	VistaCam iX PC-Version
Connections	USB 2.0
Image memory	Via PC/laptop
Multi-user application	Plug & play, cable can be connected to handpiece
Activation	Handpiece (optional foot switch)
Handpiece weight	50 g (without cable)
Handpiece length	190 mm
Power supply	USB (5 V)
Transmission path	USB 2.0, via cable (2.5 m)

	Cam interchangeable head	Macro interchangeable head
Resolution	470,000 px	470,000 px
Object distance	5 – 35 mm (depth of field 30 mm)	3 mm
Illumination	8 LEDs (white)	8 LEDs (white)
Optical system	Glass lens, tempered	Glass lens, tempered

	Proof interchangeable head	Proxi interchangeable head
Resolution	470,000 px	470,000 px
Object distance	10 mm fixed, with spacers	7 mm fixed, with position holder
Illumination	4 LEDs (405 nm, violet)	2 LEDs (850 nm, infrared)
Optical system	Glass lens, tempered	Glass lens, tempered

Handpiece holder on TFT monitor

Hygienic protective covers

VistaCam iX – Brilliant images and excellent caries diagnosis

One camera, many options

reddot design award winner

product design award

Focus Open Gold

Designpreis Deutschland NOMINIERT

GOOD DESIGN

COMPRESSED AIR | SUCTION | IMAGING | DENTAL CARE | HYGIENE

DÜRR DENTAL

THE BEST, BY DESIGN

VistaCam iX –
One camera, many options

Images and video clips can be used flexibly in discussions with patients. This makes treatment understandable and transparent.

Communication with patients, caries diagnostics and documentation – all in one. Camera systems from Dürr Dental provide valuable support for dental treatment and help the patient to understand why the treatment is necessary. VistaCam iX sets new standards here.

Perfect for diagnostics

The intelligent interchangeable head mechanism offers many different potential applications. Whether it is used for macro or intraoral imaging, VistaCam iX will assist you with caries diagnosis, early detection and plaque visualisation. Caries and plaque filters display caries activity in the Imaging Software from Dürr Dental with the aid of a colour scale and a numerical value. It is also possible to record video clips. The Proxi interchangeable head enables detection of proximal caries – without radiation exposure.

Beautifully shaped

VistaCam iX not only excels in terms of functionality, it also meets all the requirements when it comes to ergonomics. It is the recipient of the famous iF product design award and the Good Design Award, and is also a red dot design award winner. What's more, thanks to the option of decoupling the system directly on the handpiece, VistaCam iX is the perfect multi-user solution. A motion sensor that switches the camera on and off automatically makes use of the unit even more efficient.

Your application options at a glance

Simple interchangeable head principle

Ergonomic capture ring

1
Cam interchangeable head
The Cam interchangeable head delivers intraoral images with excellent image quality. Thanks to the integrated LEDs, the images are always perfectly and evenly illuminated. It is also possible to record video clips.
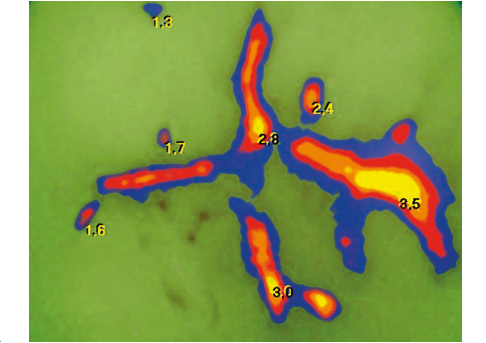
2
Macro interchangeable head
The Macro interchangeable head can be used to generate highly magnified, high quality images. It allows images to be taken with 120x magnification.

3
Proof interchangeable head
The Proof interchangeable head makes caries and plaque on occlusal and smooth surfaces visible. Through software evaluation of fluorescence, caries lesions can be detected and plaque can be displayed. How it works: the violet light of the LEDs activates the metabolic products of cariogenic bacteria and makes them shine red, whereas healthy tooth enamel emits green light.

| 0 – 1.0 Healthy tooth enamel | 1.0 – 1.5 Early stages of enamel caries | 1.5 – 2.0 Deep enamel caries | 2.0 – 2.5 Dentine caries | 2.5 – >3.0 Deep dentine caries |

With the Proof interchangeable head, any caries lesions detected are rated on a scale and assigned a numerical value.

4
Proxi interchangeable head
The Proxi interchangeable head detects proximal caries early and gently, because it aids the diagnosis without any radiation exposure at all. Thanks to infrared technology, healthy tooth enamel appears translucent, while caries lesions have a light, opaque appearance.

Caries lesions reflect the infrared light.