**The technology at a glance**

<table>
<thead>
<tr>
<th>VistaCam iX</th>
<th>PC version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connections</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Power supply</td>
<td>USB (5 V)</td>
</tr>
</tbody>
</table>

**Connections**
- USB 2.0

**Connections via PC/laptop**
- Freeze-frame module
- Multiuser application

**Activation**
- Handpiece (optional foot switch)

**Handpiece**
- Weight: 50 g (without cable)
- Length: 190 mm

**Transmission path**
- USB 2.0, via cable (2.5 m)

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

**Macro interchangeable head**
- Resolution: 470,000 px
- Object distance: 3 mm
- Lighting: 8 LEDs (white)
- Optical system: Glass lens, tempered

**Proof interchangeable head**
- Resolution: 470,000 px
- Object distance: 10 mm fixed, with spacers
- Lighting: 4 LEDs (405 nm, violet)
- Optical system: Glass lens, tempered

**Poly interchangeable head**
- Light source: Power LED
- Wavelength: 460 nm (+ 10 nm)
- Light intensity: 1000 mW/cm²
- Diameter lens: 10 mm Ø
- Cable length: 250 cm
- Power unit: 12 V DC at 1.0 A

**Proxi interchangeable head**
- Resolution: 470,000 px
- Object distance: 7 mm fixed
- Lighting: 2 LEDs (850 nm, infra-red)
- Optical system: Glass lens, tempered

**Technical Data**

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Subject to technical changes
VistaCam iX – one camera, many options

Communication with patients, caries diagnostics, and documentation – all in one. Dürr Dental camera systems provide valuable support in dental treatment and foster patient understanding of needed treatment measures. VistaCam iX sets new standards.

Advantages of the VistaCam iX

The intraoral camera meets the highest requirements for fully digital transmission with its depth of field and image quality. The intelligent, interchangeable head mechanism provides various application options. Whether macro or intra-images, VistaCam iX assists in caries diagnosis, early detection and plaque visualization. Cams on or plaque filters in the Dürr Dental Imaging Software show caries via a colour scale and numerical value. Video clips can also be recorded. The new ‘Proof’ interchangeable head enables detection of proximal caries – without exposure to radiation.

Beautifully shaped

The VistaCam iX is not only characterised by its functions; in addition, it meets all requirements pertaining to ergonomics. It has won the renowned iF product design award 2011, the Good Design Award 2012, and is the red dot design award winner 2011. Other advantages: the decoupling option on the handpiece makes the VistaCam iX the perfect multi-station solution. A motion sensor ensures efficient use, turning the camera on and off.

Your application options at a glance

1. ‘Cam’ interchangeable head for high-quality intraoral images
   - Internal dish with excellent image quality
   - Perfect and homogeneous illumination
   - Recording of video clips

2. ‘Macro’ interchangeable head for highly magnified, high-quality images
   - 150 x magnification

3. ‘Poly’ interchangeable head for light curing
   - For polymerisation of all common light-cured dental materials
   - With modern LED technology and soft-start function

4. ‘Proof’ interchangeable head makes caries and plaque on occlusal and smooth surfaces visible
   - Software evaluation for detection of caries lesions and plaque shown by fluorescence
   - Violet light of LEDs stimulates metabolites of caries-producing bacteria, causing them to glow red
   - Healthy enamel can be identified by green fluorescence

5. ‘Proxi’ interchangeable head for detection of proximal caries
   - Diagnosis support without exposure to radiation
   - Proximal caries is detected gently and early
   - Infrared technology makes healthy enamel appear translucent
   - Carious lesions have a light, opaque appearance