Photographic visualisation and documentation of medical and aesthetic intraoral information has become an integral part of modern dentistry. Image documentation of patient cases shows what treatment methods will stand the test of time and what methods should be contraindicated. Digital photography is also indispensable to restoration planning or quality assurance. However, photography needs to be delegable and easy and quick to integrate into the dental workflow.

The EyeSpecial C-III dental camera features state-of-the-art digital technology; at the same time, it combines easy and safe handling with a wide range of indications.

Dental photography is easier than you may imagine

- One-handed operation, even with medical gloves
- Easy to disinfect and water-resistant
- Lightweight: approx. 590 grams
- 12 megapixel CMOS sensor
- Eight preset dental shooting modes
- Precise and detailed images with exceptional depth of field
Dental photography is easier than you may imagine.

**Shooting modes**

**Standard**
- Standard intraoral photography with true-colour optimisation

**Surgery**
- Intraoral photography from a distance

**Mirror**
- Intraoral photography using a dental mirror. The image can be flipped along the vertical or horizontal axis.

**Face**
- Facial photographs or half body portraits

The eight preset dental shooting modes ensure a consistent image quality.

**Low Glare**
- Photographing details of anterior teeth, working models or indirect restorations

**Whitening**
- Comparison of tooth shades before and after whitening/bleaching

**Tele macro**
- Detailed close-ups of anterior teeth, requiring the use of close-up lens

**Isolate Shade**
- Automatic isolation of the gingival shade for optimal shade taking
At ACTA (Academic Centre for Dentistry in Amsterdam), digital dental photography is part and parcel of daily practice – for patient communication, case documentation and treatment planning.

The integrated autofocus system guarantees precise and detailed photographs at any time, with maximal depth of field ranging to the second molar and minimal risk of error!

The intelligent FlashMatic system with automatic flash settings provides consistent exposure control and true-colour images, for a lifelike reproduction of tooth shades.

Four Flashes – Two Different Lighting Modes

The combination of lateral flashes perfectly lights the oral situation and minimises reflections on the teeth.

The exceptional depth of field, which is specifically centred on the point of focus of the dental photograph, ensures high-contrast intraoral images of outstanding quality.

The camera can be cleaned and disinfected using ethanol.

At ACTA (Academic Centre for Dentistry in Amsterdam), digital dental photography is part and parcel of daily practice – for patient communication, case documentation and treatment planning.
Modern, ergonomic design: Unlike bulky single-lens reflex cameras requiring additional flash and lens components, this compact and ultralight high-performance camera can easily be held with one hand, freeing the other to hold a cheek retractor or a mirror. So the EyeSpecial C-III allows you to quickly and effortlessly take precise photographs at any time.

Compact and comfortable

Modern, ergonomic design: Unlike bulky single-lens reflex cameras requiring additional flash and lens components, this compact and ultralight high-performance camera can easily be held with one hand, freeing the other to hold a cheek retractor or a mirror. So the EyeSpecial C-III allows you to quickly and effortlessly take precise photographs at any time.

High-quality display

The 3,5" LCD touchscreen with intuitive menu navigation features a high-quality display. You can immediately assess the images taken and then edit or archive them using the desired options. Specific icons help to easily and quickly select the image section to be edited.
**Specifications**

### Sensor
- **Type**: CMOS sensor
- **Size**: 1/1.7 inch
- **Total pixels**: Approx. 12 millions (4,163 x 3,062)
- **Effective pixels**: Approx. 12 millions (4,000 x 3,000)
- **Sensitivity**: ISO 100 to 400

### Lens
- **Focal length**: 28 - 300 mm (35 mm equivalent)
- **Zooming method**: Optical + digital zoom
- **Digital zoom**: From 1.05 [1/0.95] to x2 [1/0.5] in 10 steps

### Automatic Exposure (AE)
- **Method**: TTL (through the lens) metering / FlashMatic (patented) light control
- **AE area**: Center weighted / Spot / Standard
- **Shutter release**: Electronic and mechanical shutter release
- **Shutter speed**: 1/15 to 1/1,000 sec., automatic change

### Autofocus
- **Method**: Contrast autofocus
- **AF area**: Center weighted / Spot
- **Focus mode**: Single shot autofocus and manual focus by adjusting the distance
- **AF assist light**: 4 white LED lights

### Image storage
- **Storage media**: SD/SDHC card (max. 32 GB)
- **File format**: JPEG
- **SD card record format**: DCF (standard / date)
- **Image size**: 12M / 8M / 5M / 3.2M / 2M / VGA / 10.6M / 7.1M / 4.3M / 2.8M
- **Image quality**: Extra fine / fine / standard
- **Information imprinting**: Date + shooting conditions + patient information

### Camera
- **Power supply**: 4 alkaline AA batteries / 4 rechargeable nickel metal hydride batteries (NiMH)
- **Power save function**: 1 / 2 / 3 / 5 min.
- **Dimensions**: W 176 x H 80 x D 125 mm (without accessories)
- **Weight**: Approx. 590 g (without accessories)
- **Water resistance**: Complying with IPX4
- **Chemical resistance**: Ethanol disinfection

### Order information
- **Camera**: EyeSpecial C-III
- **Close-up lens (49 mm) from Kenko**, lens cap
- **4 AA batteries**
- **4 GB SDHC memory card**
- **Hand strap**
- **Video cable**
- **SHOFU gray card**
- **User’s manual**
- **Quick reference**
- **Important safety instructions**

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