

EyeSpecial **C-III**



The Dental Camera



Dental photography is easier than you may imagine

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.

- 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

Shooting modes



Standard

Standard intraoral photography with true-colour optimisation



Surgery

Intraoral photography from a distance



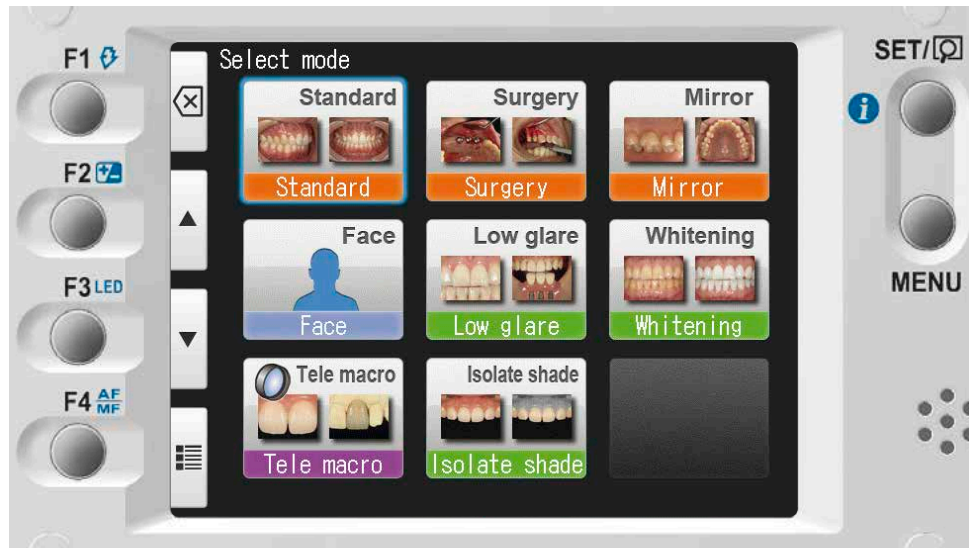
Mirror

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

eyeSpecial

More precision in detail

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.



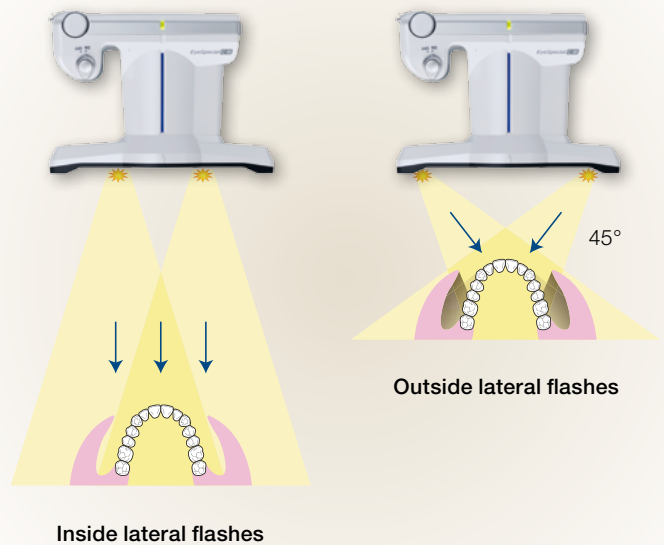
The exceptional depth of field, which is specifically centred on the point of focus of the dental photograph, ensures high-contrast intraoral images of outstanding quality.



The camera can be cleaned and disinfected using ethanol.

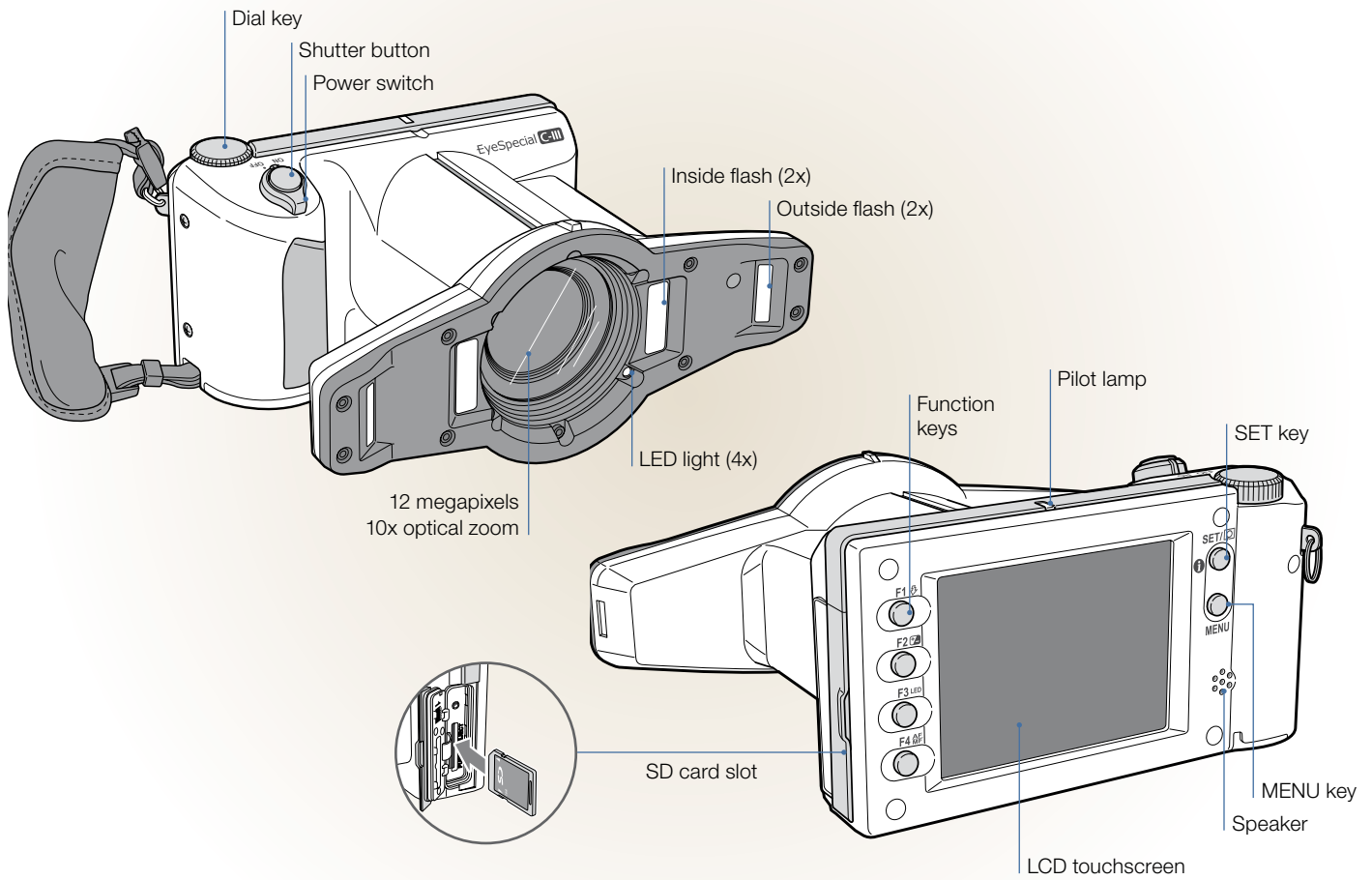
Four Flashes – Two Different Lighting Modes

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



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.





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.

High-resolution LCD screen with touch panel function



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 (35 mm equivalent)	28 - 300 mm
Maximum aperture	Wide: 2.83 - 7.99 Tele: 2.85 - 11.44
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



PN E0001

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

