

EyeSpecial C-V

Smart Dental Camera
Revolutionizing Dental Photography



Tailor-made for dentistry

Eye Special C-V dental camera redefines dental photography in clinical practice, with its cutting-edge technology and ease of use.

This lightweight, compact device simplifies photography for everyday dentistry, ensuring high-quality, consistent and true colour images with minimal effort.

Its integrated auto-focus system is developed for precise and detailed, error-free photographs with maximum depth of field across the dental arch.

Simplicity at its Best

Designed for one-handed operation, the all-in-one Eye Special C-V simplifies dental photography without the hassle of bulky accessories, freeing the other hand for dental tools like cheek retractors or mirrors, achieving professional results with ease and precision.

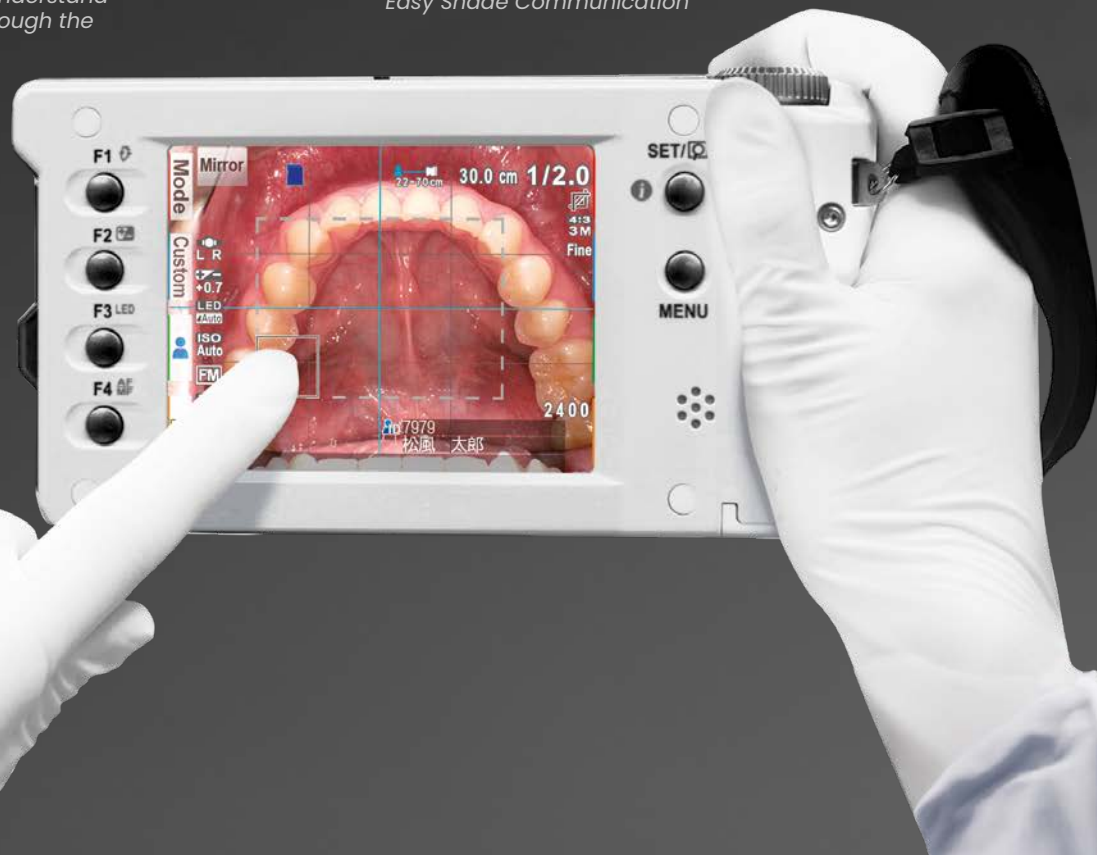


On-screen guide to adjust magnification range for case-specific, precise clinical photos.



Easy Shade Communication

The high-resolution LCD touch panel is intuitive to operate; easy-to-understand icons guide you through the menus.



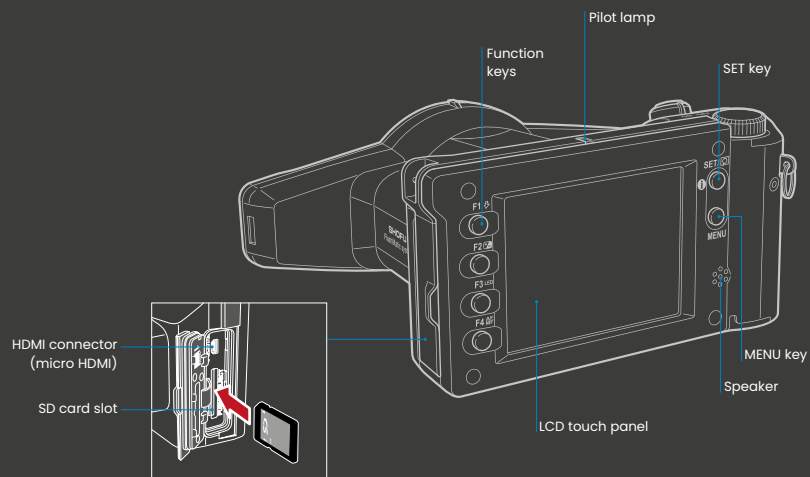
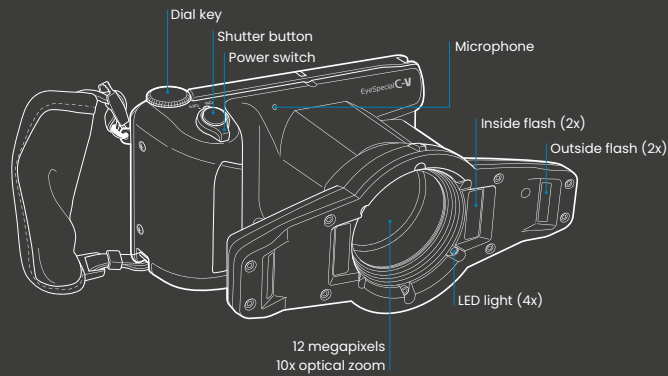
Highlights

- **9 Pre-set Shooting Modes:**
Tailor-made for various dental imaging needs.
- **Fast & Intuitive Menu Navigation:**
Eliminates extensive training and flattens learning curve
- **Unique Flashmatic System:**
Automatic flash control for true-color, glare-free images
- **Continuous Autofocus in Videos:**
Ensures consistent sharpness during recording
- **Handy & Compact Design:**
User-friendly & convenient one-hand operation, freeing the other for dental tools
- **Durability:**
Water & Chemical-resistant, ethanol-compatible for easy, surface disinfection.

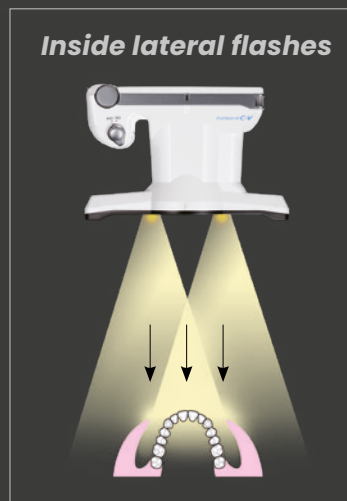
Cross-infection Control

The hygiene-friendly camera with its durable polymer body is easily disinfected with ethanol wipes in between patients, in compliance with stringent infection control protocols in the contemporary dental operator.





Unique Flashmatic system



The built-in intelligent Flashmatic system with two sets of lateral flashes automatically adjusts flash duration and intensity with perfect illumination of the oral environment to ensure optimal exposure and minimize reflection on tooth surfaces in every pre-set mode, free of ambient light interference, to capture sharp, true-colour images.



Glare-free photography with cross polarizer (Optional)

Designed with polarizing components positioned at right angles to the flash and lens to remove light reflections on enamel surface, to reveal internal structures and individual tooth characteristics.

Enhanced details with close-up lens

Capture intricate anatomical details in Tele-macro mode in combination with close-up lens, with magnification rates of up to 2:1



Without cross polarizer



With cross polarizer

Predictable & Consistent Photos



Standard:
True-color intraoral photography



Surgery:
Clear intraoral imaging from a distance



Mirror:
Perfect for capturing mirrored intraoral views



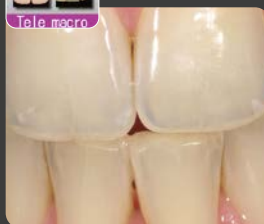
Face:
Half-body, Full-body or facial photographs



Low Glare:
Ideal for anterior teeth, indirect restorations and working models



Whitening:
Comparison of before-after whitening shades



Tele-Macro:
Enhanced details with close-up lens



Isolate shade:
Automatic gingival shade isolation for optimal shade selection



Movie:
Sharp video recordings with permanent autofocus

Sensor

Type	Primary colour filter, CMOS sensor
Size	1/2.3 inch
Total pixels	Approx. 12 million (4,163 x 3,062)
Effective pixels	Approx. 12 million (4,000 x 3,000)
Sensitivity	ISO 100 to 3,200

Lens

Focal length (35 mm equivalent)	50 - 217 mm (total 8 focal lengths)
Maximum aperture	Wide: 4.6 - 5.3 Tele: 6.5 - 7.5
Zooming method	Optical and digital zoom
Digital zoom	10 steps from x1.05 to x2
Optical filter	IR cut filter

Autofocus

Method	Contrast autofocus
AF area	Center-weighted / spot
Focus mode	Photo: Single shot autofocus and manual focus by adjusting the distance. Movie: Continuous autofocus
AF assist light	4 white LED lights

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 speed	1/15 to 1/1,000 sec, automatic change

Image Storage

Storage media	SD / SDHC / SDXC card (max. 512 GB)
File format	JPEG / MOV (with patient information file (.MIF))
SD card record format	DCF (standard / date)
Photo size (JPG)	Aspect ratio 4:3 12M / 8M / 5M / 3M / 2M / VGA. Aspect ratio 3:2 10.6M / 8M / 4M / 3M
Movie size (MOV)	HD (1,280x720), 59.94 fps
Image quality	Extra fine / fine / standard
Information imprinting	Date and time + shooting conditions + patient information

Camera

Power supply	4 alkaline AA batteries / 4 rechargeable nickel metal hydride batteries (NIMH)
External power supply	None
Power save function	Off / 1 / 2 / 3 / 5min
Dimensions	W 176 x H 80 x D 115mm (without accessories)
Weight	Approx. 540 g (without accessories)
Water resistance	Complying with IPX4
Chemical resistance	Ethanol disinfection

Order Information

- Eye Special C-V (REF E0028)
- Close-up lens (49mm)
- Lens cap
- Hand strap
- 16GB SDHC memory card
- Shofu Gray Card
- User Manual
- Quick Reference
- Important safety instructions

- E0028**
Eye Special C-V
incl. accessories
- E0022**
Cross Polarizer
- E0002**
Hand Strap
- E0004**
Shofu gray card
- E0005**
Lens cap
- Case for
Eye Special C-V



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