

# EyeSpecial



SMART DIGITAL CAMERA,  
DESIGNED EXCLUSIVELY FOR DENTISTRY



TAKES PERFECT PICTURES EVERY TIME  
& PREVENTS CROSS-CONTAMINATION!



Visit [www.shofu.com](http://www.shofu.com) or call 800-827-4638

# THE ENTIRE DENTAL TEAM

The EyeSpecial digital dental camera is designed exclusively for dentistry. It produces predictable and consistent clinical photographs for case and legal documentation, diagnosis and treatment planning, patient communication and education, insurance verification, dental lab and specialist collaboration. All team members, regardless of experience level or photographic expertise, can achieve superior quality images. The camera offers 12 megapixel clarity, intuitive one-touch operations, an ultra-lightweight sleek body and a large LCD touchscreen that allows the team to view and scroll through images with a gloved hand.

- 9 pre-set dental shooting modes
- Water, chemical and scratch resistant — essential for infection control in the office
- Auto-cropping, smart focus and zoom
- Exclusive FlashMatic system for true-color reproduction
- Shutter speed: 1/1000 of a second
- Enables OSHA and HIPAA compliance<sup>1</sup>
- Ultra-lightweight body: approximately 1lb



## ULTRA LIGHT WEIGHT

- Sleek, compact body design
- Easy to hold — one hand holds, one hand touches



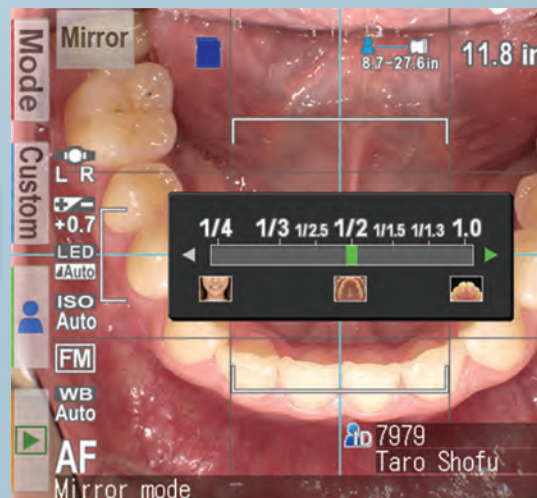
## AUTO-CROPPING/AUTOFOCUS

- Built-in gridlines and spot focus
- Crop-frame capability: photos are uniform in size



## COMPACT CAMERA... PREDICTABLE RESULTS

- Proprietary FlashMatic system optimizes settings: fixed values for flash, shutter speed, focus, zoom, etc.
- Blocks out the ambient light
- Built-in anti-shake and anti-reflection attributes





# AM CAN TAKE PERFECT



## PREVENTS CROSS-CONTAMINATION

- Easily disinfect between patients with disinfecting wipe
- Water and chemical resistant
- Scratch and scuff resistant

## MAGNIFICATION RANGE

- Adjust the magnification/range by rotating the dial
- Icons correspond with magnification ratios for easy selection



The EyeSpecial is so simple—ready to use right out of the box. It does not require any adjustments to the f-stop, shutter speed, flash intensity, zoom, or other settings that are necessary for the traditional DSLR cameras.

The EyeSpecial is uniquely user-friendly. The durable, ultra-lightweight polymer body is optimally balanced to allow any user to operate the camera with one hand comfortably. The EyeSpecial can promise consistent, predictable dental photography with the exceptional depth of field, fast auto-focusing, image stabilization, and several other built-in attributes. It is also chemical, water, and scratch-resistant for compliance with infection control protocols.

The EyeSpecial features a proprietary FlashMatic system with four macro LED lights mounted around the lens, as well as two sets of Xenon strobes (for a whiter, brighter light) on opposing sides of the lens. This cutting-edge flash system blocks out the ambient light allowing for consistent images to be captured every time.

Operating the EyeSpecial is virtually stress-free since no photography knowledge is required. Also, the entire dental team can produce high quality clinical photography to enhance patient communication and increase patient acceptance.

## EXCEPTIONAL DEPTH OF FIELD





# PICTURES EVERY TIME!



## SHOOTING MODES



### STANDARD MODE

For standard intraoral photography.



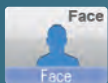
### SURGERY MODE

For intraoral photography from a distance.



### MIRROR MODE

For intraoral photography using a mirror. The image can be flipped by 180 degrees.



### FACE MODE

For shooting facial views, half-body, or full body photographs.



### MOVIE MODE

Record up to 10-minute videos with audio.



### LOW-GLARE MODE

For photographing details of anterior teeth, working models, and indirect restorations.



### WHITENING MODE

For shade comparison between before and after whitening.



### TELE-MACRO MODE

For photographing anterior teeth, indirect restorations, and working models in higher magnification. Attach provided close-up lens when taking pictures in this mode.



### ISOLATE SHADE MODE

You can isolate the shade for optimal shade matching



## SPECIFICATIONS

Item		Specification
Sensor	Type	Primary Color Filter, CMOS sensor
	Size	1/1.7 inch
	Total Pixels	Approx. 12 million pixels (4,163 x 3,026)
	Number of effective pixels	Approx. 12 million pixels (4,000 x 3000)
	Camera sensitivity	ISO 100-3200
Lens	Focal length (35mm equivalent)	28-300mm
	Maximum aperture	Wide: 2.83-7.99   Tele: 2.85-11.44
	Zooming method	Optical zoom + digital zoom
	Optical filter	UV/IR cut filter
AF	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
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 - 1/1000 sec., automatic change
Record	Storage media	SD/SDHC/SDXC Card (Max. 512GB)
	File format	JPEG/MOV (With patient information file (.MIF))
	SD Card record format	DCF (standard/date)
	Image size	Aspect ratio (4:3) 12M (4000x3000)/8M (3264x2448)/5M (2560x1920)
		Aspect ratio (4:3) 3.2M (2080x1560)/2M (1600x1200)/VGA(640x480)
		Aspect ratio (3:2) 10M (4000x2672)/8M (3264x2176)/4M (2560x1712)/3M (2080x1392)
	Number of pixel to record movies	HD (1280x720) 59.94fps
	Image quality	Extra fine/Fine/Standard
	Digital zoom	10 steps from x1.05 to x2
	ExifTag information	In accordance with Exif2.21+DCF standard
Product requirements	Information imprinting	<ul style="list-style-type: none"> <li>• Date + shooting conditions + patient information</li> <li>• Date + shooting conditions • Date + patient information</li> <li>• Date</li> </ul>
	Power supply	4 Alkaline AA batteries / 4 nickel metal hydride batteries (NiMH)
	Battery for built-in clock	SR44 (cannot be replaced by users)
	Power Save Function	off/1/2/3/5 min
	Auto-power off	15/30/45/60 min
	Dimensions	W176 x D125 x H80(mm) (accessories not included)
	Weight	590g (accessories not included)
	Operating Temperature/Humidity	0 to 40°C/10 to 80% (without condensation)
	Storage Temperature/Humidity	0 to 60°C/10 to 90%
	Water resistant	Complying with IPX4
	Chemical resistant	Ethanol disinfection

## ORTHODONTIC PHOTO DOCUMENTATION

- Immediate case presentation
- Patient engagement and education
- Consistent case documentation

## EFFICIENT COMMUNICATION

- When used with Wi-Fi wireless memory cards images can be instantly uploaded to operator computers in a HIPAA compliant manner
- Draw/Edit Function – improves case acceptance by highlighting issues that need attention
- Isolate Shade Mode – more accurate shade matching and lab communication
- Whitening Mode – true-shade comparison for before/after the treatment



TO ORDER VISIT  
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 or CALL: 800-827-4638



#### Order Information:

##### EyeSpecial (Item No. E0021)

Included with the camera:

- 4 AA batteries
- 16GB SDHC card
- High performance Kenko 49mm macro lens
- Lens cap
- Hand strap
- Shofu grey card
- Safety instructions
- User manual
- Quick reference guide

##### Cross Polarizer (Item No. E0022)

Not included with the camera

- Removes light reflections on the enamel surface to easily see internal light effects and individual tooth characteristics

#### Limited Expressed Warranty

This product has undergone strict quality control and inspection. In the unlikely event that a defect is discovered under normal usage, Shofu warrants to original purchaser of EyeSpecial in the U.S.A. and Canada that any defective component thereof, if found by purchaser and confirmed by the authorized repair center, shall be repaired or replaced and promptly returned to the purchaser at Shofu's entire expense during a 1 year warranty period running from date of original purchase.

Except otherwise required by law, this expressed warranty is the only warranty made in lieu of all implied warranties, including fitness for purpose and merchantability.

The remedies stated herein shall be the only remedies of the original purchaser under the expressed warranty contained herein and any other warranties, expressed or implied required by law.

**\*\*NOTE\*\***

Alkaline AA batteries, lens cap, hand strap, SDHC Memory Card and Shofu Gray Card are consumables and will not be covered by the warranty.

**The warranty and remedies shall not apply if this service registration card is not properly filled out by the purchaser and proof of purchase (invoice copy) is received by Shofu within thirty (30) days of purchase date, or if said component is damaged by purchaser by accident, abuse or misuse.**

#### 30 Day Money-Back Guarantee

If you are not satisfied with the EyeSpecial, you may return the item within 30 days from the order date for a full refund of the purchase price\*, minus shipping charges.

The item must be returned, unused or used, in good condition, in original boxes with all paperwork and accessories to ensure full credit.

Please call customer service at (800) 827-4638 to obtain Return Authorization Number. Please allow 3-4 weeks for credit to appear back on the card used to purchase.

\*Tax will be refunded if applicable

<sup>1</sup>Brinker, S. (2015, January). HIPAA compliance and digital photography with personal mobile devices. Dental Products Report, 76-80.



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