

NEW GENERATION

BONIDA DUAL & HD *Alpha*
IntraOral Camera



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IntraOral Camera BONIDA DUAL & HD *Alpha*



DUAL LENS

AUTO-FOCUS

EASY CAPTURE



POWER SLEEP

RULER MEASURING

USB CONNECT

The NEW GENERATION BONIDA ALPHA is designed to produce high-quality, high-resolution images to assist practitioners in their daily work and assist in patient education.

Whilst the HD model has one camera lens for intra oral images, the DUAL has two camera lenses allowing for high definition extra oral images.

Now you can:

- * Measure for orthodontic band election
- * Measure depth and outline of lesions
- * Measure for preformed crown selection
- * Measurement of gingival recession
- * Measure overjet, overbite and midline shift accurately for forensic charts
- * Measure denture teeth

Still maintain the everyday functionality of a high definition camera

NEW unique built-in measuring tool mode

BONIDA DUAL ALPHA offers a ruler measurement mode. Simply pressing the button for 3 seconds, a cross-hatch ruler appears and assists with diagnostics and progress.



*Measurement mode is only available on the Intra-oral camera and the measurement is for reference only



Extra Camera Protect Slide Cover

Auto-switch from the intra-oral camera to the extra-oral camera by the sensor of the slide cover

The slide cover protects the Extra camera's lens when not in use.



Fast Auto-Focus_Trigger type

BONIDA DUAL ALPHA has equipped with a liquid lens that has a similar structure to the lens of the eye. With the press of a single button, you will experience Auto-Focusing and Macro-Focusing at the point you want to capture.

Wide Focus Range

BONIDA is the pioneer of the Dual camera system that can provide you with a wide focus range that other intraoral cameras never had before.

HD 720p Resolution & Fast Frame Rate

BONIDA DUAL ALPHA outputs clear and vivid live images of the entire oral maxillofacial of the patient without any image delay by a high resolution of HD 720p with a high speed of 30 frame rate.



Capture Buttons on both sides

Image capture buttons are on both sides for any side-handed users.

*Power sleep mode

Sleep mode is in when not in use for 10 minutes.

Camera Status Display

Indicate the camera status with the LED colour (Amber and Green) surrounding the button.



One Touch Full-Metal Connector

Easy to connect and to disconnect
Shock resistant with full metal slotted connector

More Streamlined & Lighter

Dual Oral Camera with HD Quality

The World's First Dual Oral Camera System

The World's First Intraoral Camera with Measuring tool

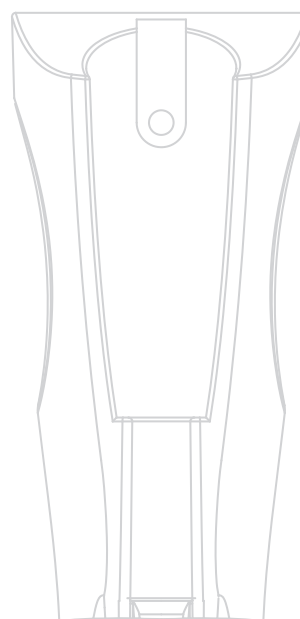


System Specifications Requirements

OS	Windows 7 Professional with sp1 or more
CPU	Dual Core 1.5GHz or more
Memory	1GB or more
Resolution	1280 x 720 or more
Interface	USB 2.0
ETC	Internet Connection Image Software

Technical Specification

Image sensor	HD 720p CMOS Video image sensor
Output Resolution	MJPG 1280 x 720 (30fps)
Image transfer rate	
LENS	Variable focus Liquid LENS
Focus Type	Trigger Auto Focus
Focus Range	Intra-oral : 5mm~45mm ($\pm 10\%$) Measuring Ruler : 5mm~30mm ($\pm 6\%$) Extra-oral : 17mm~123mm ($\pm 20\%$)
FOV(Diagonal)	64.00 Deg ($\pm 3\%$)
LED Light Source	Intra-oral : 15ea White chip LED Extra-oral : 10ea White chip LED
Capture system	Hand-peice dual side capture
Camera connector	One touch Full-metal connector
Interface & Power	PC USB 2.0 DC 5V / Max 500mA
Weight	BONIDA DUAL ALPHA : 64g Cradle : 42g



Product Components

- BONIDA DUAL ALPHA
- USB Camera Cable 5m
- Camera Cradle
- Fixing Cradle Screw
- Protect Sheath
- User Manual

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