

# HD Sensor 1.0/1.5

## Dental Sensor

New upgrade AI assistance system



- Direct image capture, HD imaging



- Proven to withstand over 500,000 exposures



- Engineered to endure more than 100,000 bends and resist up to 10 kg of pull force



- IP68 dust and water resistance



- Keep your technology up-to-date with free access to the latest software enhancements
- Our customer support team is always available to assist you with any questions or issues



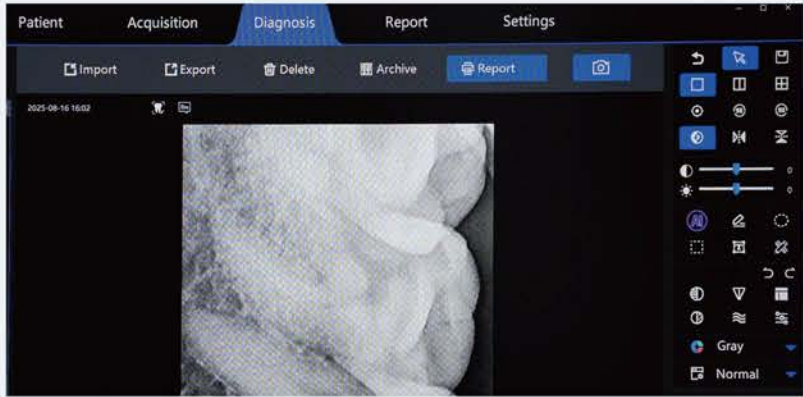
- Ultra-Thin Sensors: Among the slimmest on the market, our sensors are designed for ease of use in both adult and pediatric patients



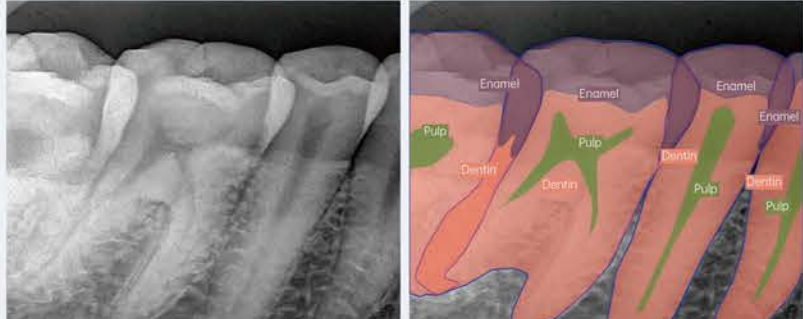
- Ergonomic Design: Curved back design ensures firm and accurate placement, reducing patient discomfort and speeding up the diagnostic process



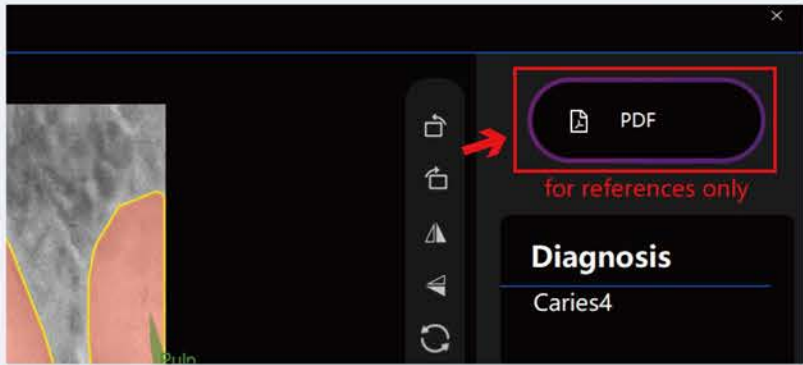
- Automatically detect common dental issues



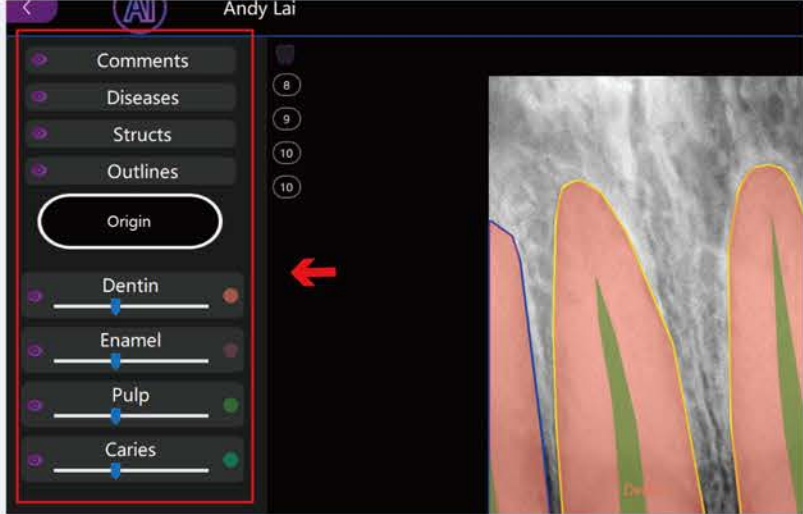
- Visualize tooth structures and disease markers in real-time



- Instantly generate detailed diagnostic reports



- Customize, edit, and annotate analysis results



- Save time and make more informed clinical decisions



- AI assisted system, intelligent diagnosis, structure recognition, caries detection



- Available sizes.  
Size 1: 20mm x 30mm -Ideal for precise imaging in smaller mouths.  
Size 1.5: 25mm x30mm- Perfect for a wide range of patients.



- Shock-Resistant Casing: The durable sensor housing is designed to protect against drops and impacts, ensuring your investment is safeguarded.



| Specifications    | HD Sensor 1.0             | HD Sensor 1.5             |
|-------------------|---------------------------|---------------------------|
| Technology        | Direct Conversion         | Direct Conversion         |
| Dynamic Range     | 16 bits                   | 16 bits                   |
| Actual resolution | 12~ 14lp/mm               | 12~ 14lp/mm               |
| Imaging Area      | 20*30mm <sup>2</sup>      | 25*30mm <sup>2</sup>      |
| Dimensions        | 26.5*41.3 mm <sup>2</sup> | 31.5*41.3 mm <sup>2</sup> |
| Thickness         | 5.9mm                     | 5.9mm                     |
| Cable Length      | 3m (Extendable)           | 3m (Extendable)           |
| Support System    | Windows 7,8,10            | Windows 7,8,10            |