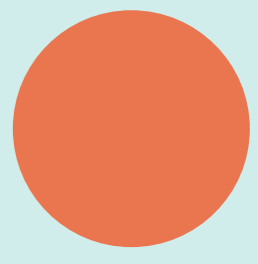
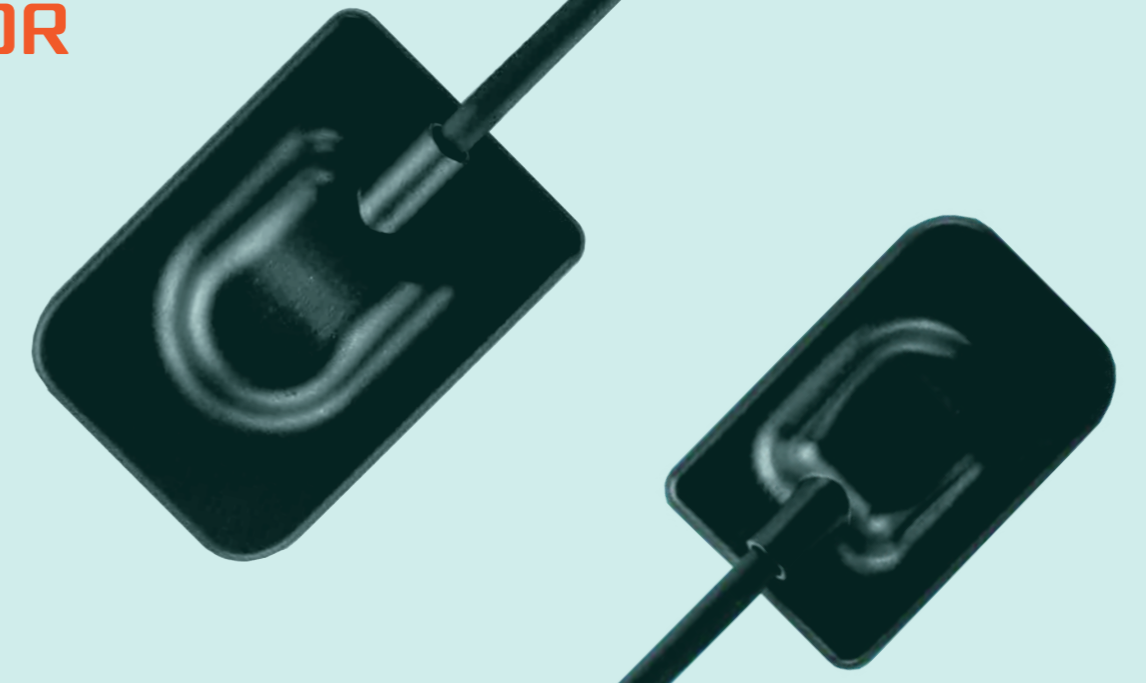




K

**INTRAORAL
X-RAY
SENSOR**



K
INTRAORAL X-RAY SENSOR

Excellent Reliability Provide Ultimate Patient Comfort

The digital sensor uses CMOS technology to provide high resolution, diagnostic quality images with wide latitude sharpness, clear sharpness and enhanced contrast. Whether you are converting to digitalization for the first time or expand existing functions, and we can all help you.



Worldwide, the sales volume of INTRAORAL X-RAY SENSO has exceeded

100,000

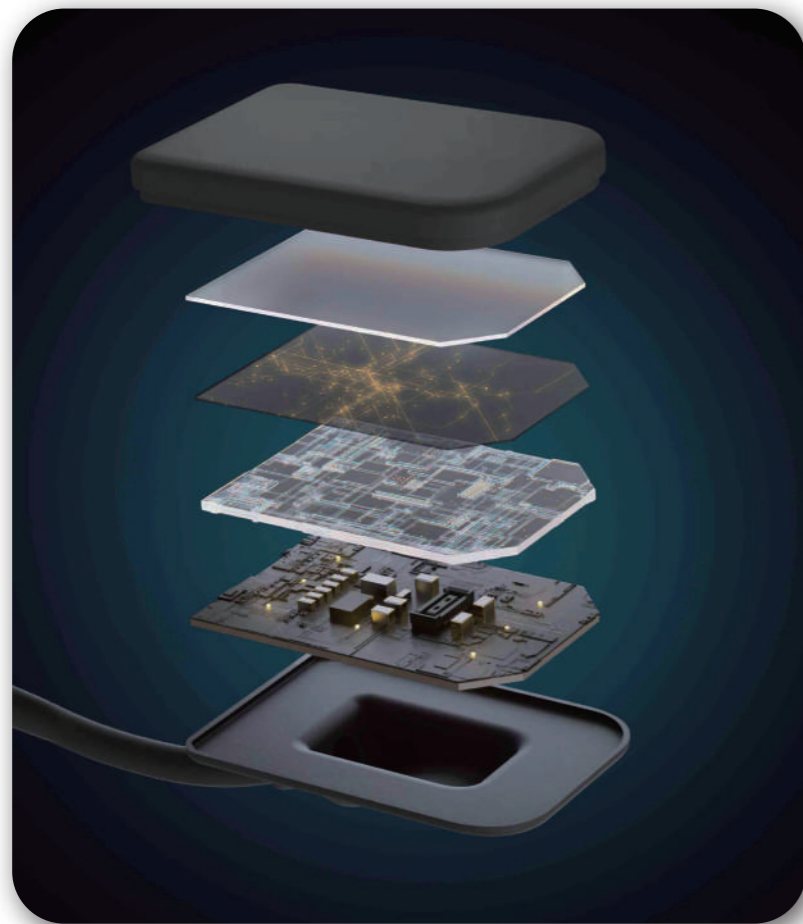
Ideal for professional dental clinics



ADD: Room 15, Floor 8, Building 7, No.289
Xisanhuan Road, High-tech Zone,
Zhengzhou, Henan

Web: wukongdent.com

E-mail: info@wukongdent.com



Encapsulation Layer

Protects scintillator

Rounded Edges

Improved patient comfort

Hybrid ICs on Circuit Board

Low noise integrated circuit design

APS CMOS Image Sensor

Low noise CMOS image sensors
In-house design and process

Robust and Safety Design

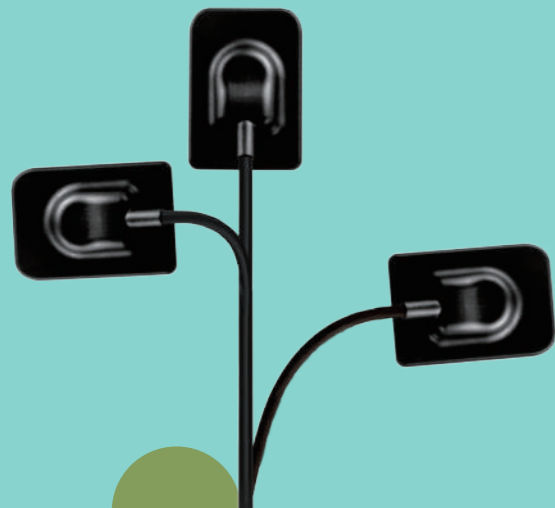
Biocompatible
IP68 protection
Easy infection control

CsI Scintillator

Directly deposited CsI
Low Dose (LD) and
High Resolution (HR) options

Designed for High Reliability

Reinforced cord connection > 80,000 bending test ($\pm 90^\circ$) passed



Fitting Finger Radian Design

More humanized, more caring for the use feelings of medical staff.



Ultra-thin

4.4 mm digital sensor

High Resolution (HR) or Low Dose (LD) Scintillator Option

2 Sizes

#1 universal, #2 adult

Sensor

Sensor Ultra



Comfortable

Rounded corners and edges for improved patient experience



Emage Software

The software provides length measurement, size zoom, archiving and "one-click image processing". Diagnosis assistance, mail for-warding, drawing and report transmission can convenient communication between doctors and patients.

Plug and Play

Direct USB plug and play connection for real-time image display



**Durable
Efficient
Better Comfort**

Technical Specifications



| Products | K1 (size1.5) | K2 (size2.0) |
|--------------------------------|----------------------------------|----------------------------------|
| Mechanical Dimensions (mm) | 25.0 × 38.5 × 4.5 | 31.0 × 45.0 × 4.5 |
| Active Area (mm ²) | 20 × 30 | 26 × 36 |
| Pixel Matrix | (1.5 M) 1000 × 1500 | (2.34 M) 1300 × 1800 |
| Data Interface | Direct USB, USB 2.0 | Direct USB, USB 2.0 |
| Sensor Technology | APS CMOS | APS CMOS |
| Scintillator | Directly deposited CsI:TI | Directly deposited CsI:TI |
| Length of Cable (m) | Standard 3m / Option 5m | Standard 3m / Option 5m |
| Pixel Pitch (μ m) | 20 | 20 |
| Line Pair Resolution(lp/mm) | 25 | 25 |
| Gray Level | 16 bit | 16 bit |
| Exposure Mode | Smart AED | Smart AED |
| Ingress Protection | IP68 for Soak disinfection | IP68 for Soak disinfection |
| Additional | Support TWAIN protocol | Support TWAIN protocol |
| Operation System | Windows 7 and above, 32 / 64 bit | Windows 7 and above, 32 / 64 bit |