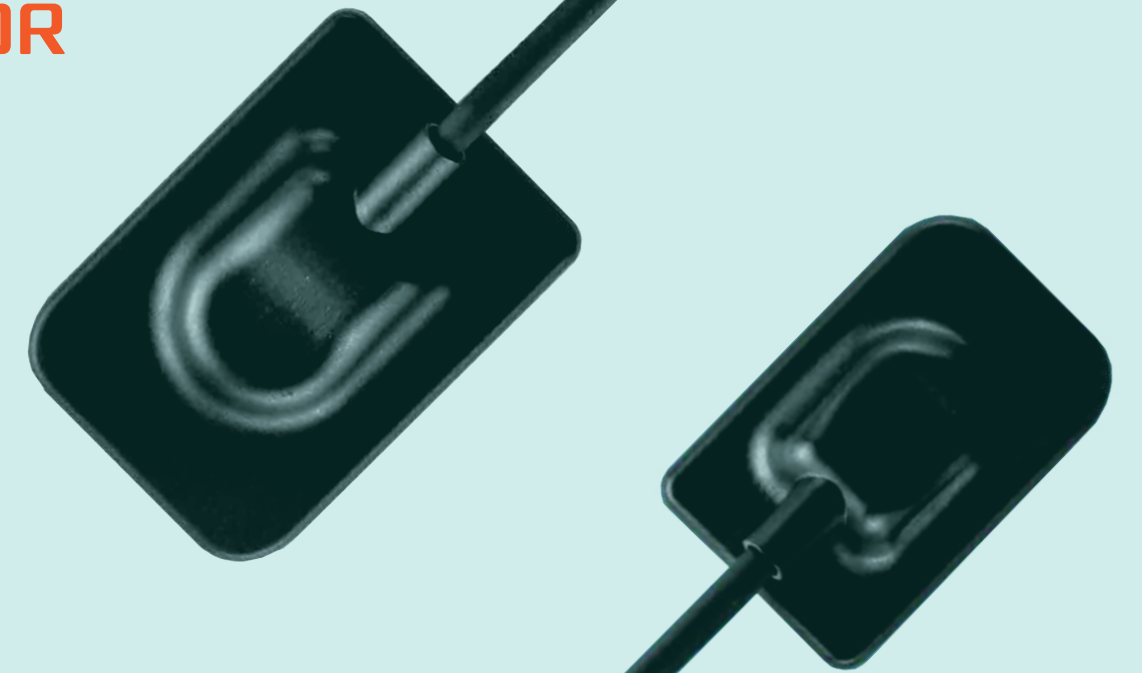




K

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 SENSORS has
exceeded

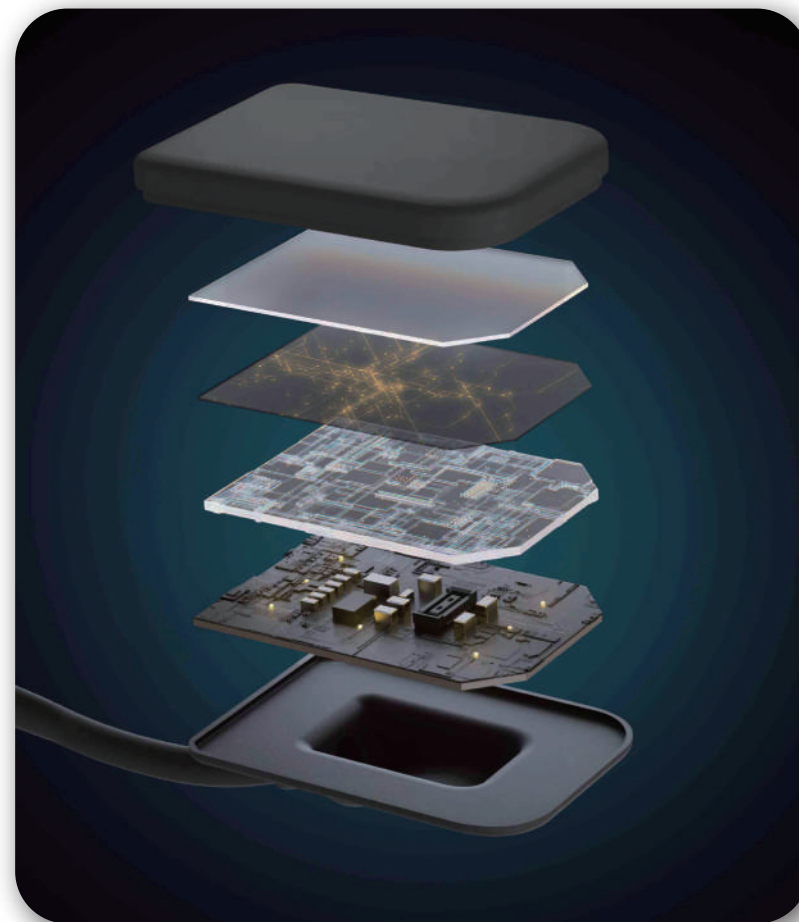
100,000

Ideal for professional
dental clinics



Cleanability
IP68

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

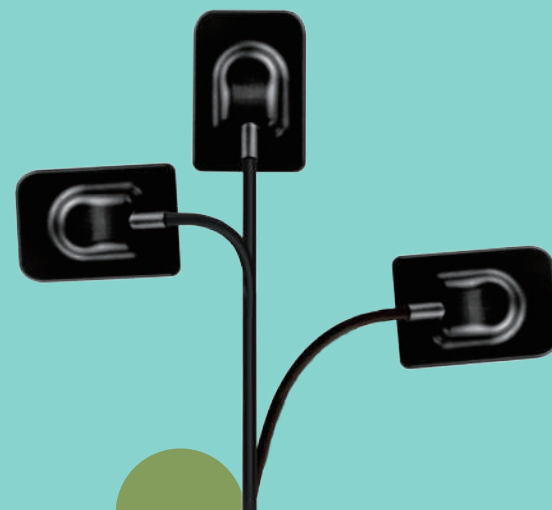
Biocompatible
IP68 protection
Easy infection control

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



Image 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 (mm²)	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