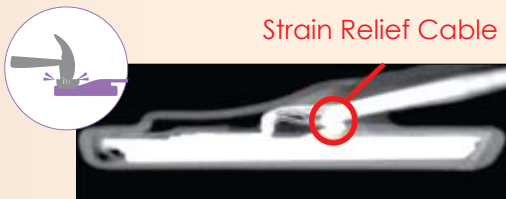# suni

LOW RADIATION
Rated Lowest Radiation Sensor

✦ **Optimal Exposure** - Achieving maximal image quality with minimal radiation exposure, Suni sensors are designed to optimize low radiation doses.

✦ **ALARA** - As strong proponents of the ALARA principle (As Low As Reasonably Achievable), Suni designs its sensors to capture high-quality radiographs while maintaining the lowest radiation exposure levels among all digital sensors.

OPTIMAL EXPOSURE (mGy)

LOW

1.25
1.0
0.75
0.5
0.25

SuniRay | Industry Average
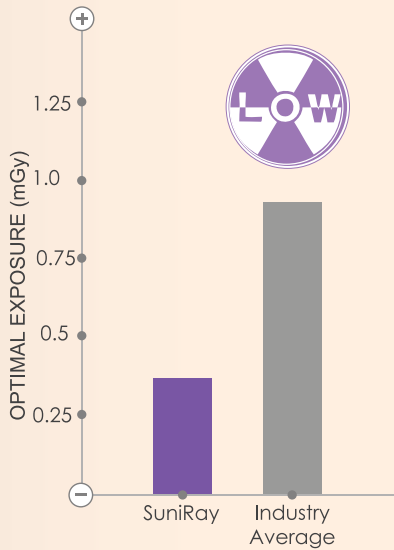
DURABILITY
The Most Durable Sensor in the Market

✦ **Robust Design, Optimal Comfort.** Engineered to balance robust, durable and ergonomic design for optimal patient comfort.

✦ **Sturdy & Reliable.** Unique reinforced cable attachment and ultrasonically-sealed outer casing make our sensors incredibly reliable.

✦ **Dependable Performance.** New Impact Protection Technology ensures exceptional sensor performance even when there's extra pressure or strain.

Strain Relief Cable

UNICORN DenMart
Behind The Best Indian Dentists

The Next Wave
of the World's #1 X-ray Sensor

MADE IN U.S.A.

suniray2
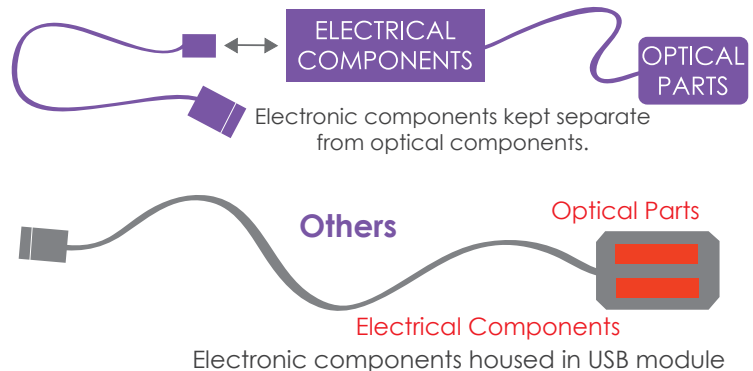
3 Years Warranty

All New CMOS Technology for Ultra fine Image Quality
10x Durable, Maximum Image Quality, Minimal Radiation Exposure.

Technical Data	Size 1	Size 2
Sensor Dimensions	39.5 x 26 (mm)	43.5 x 31.5 (mm)
Active Area	31.1 x 20.2 (mm)	35.2 x 26.2 (mm)
Sensor Technology	CMOS APS Fiber Plates	CMOS APS Fiber Plates
Maximum Gray Levels	4096	4096
Cable Length	Adjustable: 6 ft. or 15 ft.	Adjustable: 6 ft. or 15 ft.
Cable Attachment	Reinforced Strain Relief	Reinforced Strain Relief
USB Module	Integrated USB 2.0 Module with LED indicator lights	Integrated USB 2.0 Module with LED indicator lights
Imaging Software	Prof. Suni Advanced Imaging. Dr. Suni Advanced Imaging (INTL.) SuniMac (Mac-based imaging software) TWAIN-compliant software system	Prof. Suni Advanced Imaging. Dr. Suni Advanced Imaging (INTL.) SuniMac (Mac-based imaging software) TWAIN-compliant software system

Detachable USB Cable Customizable Length

suniray2

ELECTRICAL COMPONENTS

OPTICAL PARTS

Electronic components kept separate from optical components.

Others

Optical Parts

Electrical Components

Electronic components housed in USB module

In a recent study between 20 intraoral digital sensors, SuniRay2 was shown to require the lowest radiation doses.

Source: "Evaluation of image quality parameters of representative intraoral digital radiographic systems," Udupa et al.

CE ISO 13485:2003 / CORL:2009 EN ISO 13485:2012 ISO 9001:2008