

Acuity_{DXS}

Next Generation Dental Imaging



R_{admedi}X

Acuity_{DXS}

Digital Dental Intraoral X-Ray Sensor

Key Features

APS CMOS Sensor Technology

- Captures high-resolution intraoral images with exceptional detail

Direct Deposited CsI

- Columnar CsI scintillator delivers sharper images and higher contrast

Automatic Exposure Detection (AED)

- Automatically detects x-ray exposure for seamless imaging

USB Plug-and-Play Connectivity

- Fast setup with AccuVue Acquisition Software

IP68 Rating

- Fully sealed design protects against fluids and daily clinical use

Ergonomic Sensor Design

- Rounded edges and slim profile for better patient comfort

Specifications

Model	Acuity DXS	Length of Cable	9.8 ft
Dimensions (mm)	31.62 x 45 x 4.5	Pixel Pitch	20 µm
Active Area	26 x 36	Spatial Resolution	Theoretical: 25 lp/mm
Pixel Matrix	(2.34 M) 1300 x 1800	Gray Level	16-bit, 65535 grade
Sensor Technology	APS CMOS	Exposure Mode	Smart AED
Scintillator	Direct Deposited CsI	Ingress Protection	IP68 for soak disinfection
Additional	Support TWAIN protocol USB 2.0 Interface	Operating System	Windows 10 / 11 32 / 64-bit