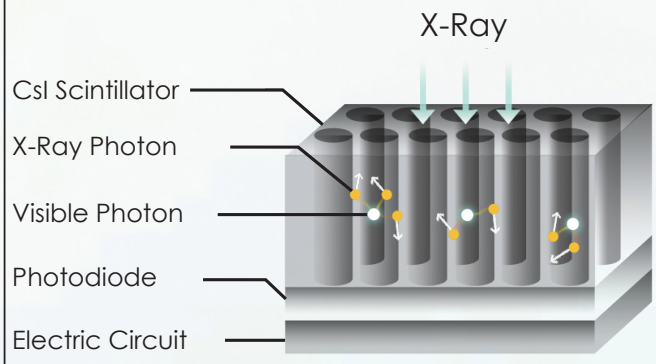
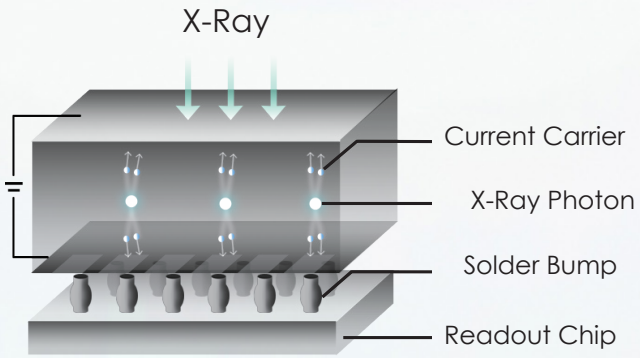
The World's First Photon-Counting Intraoral Sensor

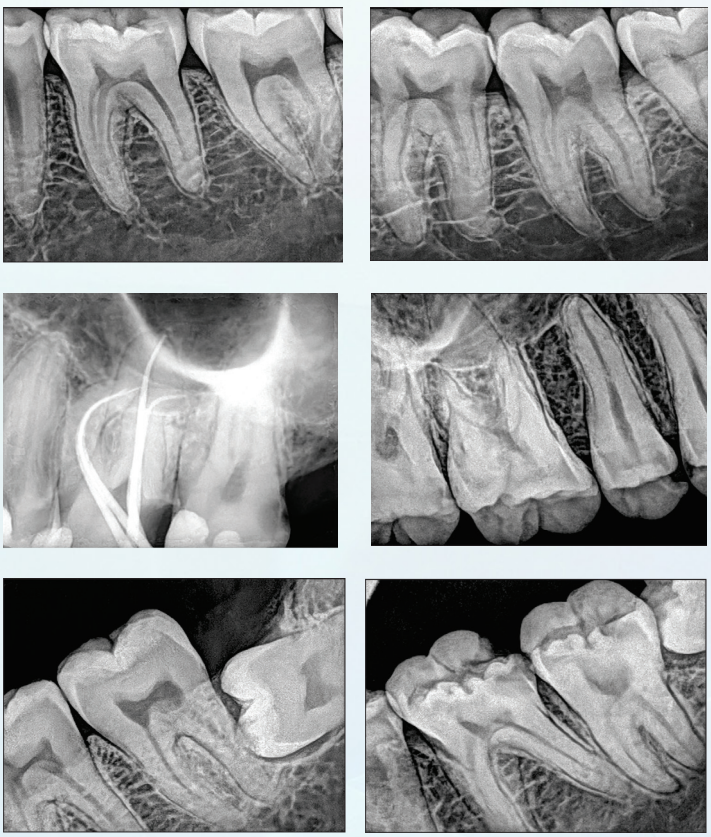
Xpectvision is the world's first to apply the latest photon-counting technology to dentistry, enabling direct imaging, avoiding the interference of light scattering from conventional indirect imaging & ensuring image acquisition stability.

Cutting Edge Technology and Strict Tests Deliver Unrivaled Durability

The Xpectvision intraoral sensor uses silicon-based chips instead of the traditional material, cesium iodide (CsI), avoiding image blurring or performance deterioration.

Competitor	Xpectvision
	
Cesium Iodide (CsI) Indirect Imaging	Silicon-based chip Direct imaging

Technical Specifications	
Technology Used	Photon Counting Detection (PCD)
Waterproof	Yes
RVG Size	1.5
Effective Imaging Area	25mm x 30mm
Image Resolution	14lp/mm
Pixel Size	-
Sensor Ready for image capture	Manually
License Required	Yes
Cable Quality	Reinforced
Cable Length	3 meters*
Gray Scale	>=16 bit



*Approx. 3 Meters

US FDA / EU

Direct Imaging Enables Clearer Images and High Reliability

High-Strength, Durable Cable

Water Resistance Tested to IEC IP68

The Xpectvision intraoral sensor uses silica-based chips instead of the traditional material, cesium iodide, avoiding image blurring or performance deterioration.

500,000+ exposures and 100,000+ cable bending tests ensure performance under different working conditions. A shock-resistant and waterproof casing securely protects the sensor.

Ergonomic Design to Maximize Patient Comfort One of the Thinnest X-Ray Sensors on the Market

To better improve the diagnosis experience of patients, the Xpectvision sensor has a more compact design while guaranteeing an adequate sensor area.

Sensor positioners help with quick positioning, significantly reducing patients' discomfort and improving diagnostic efficiency.

Size 1.5