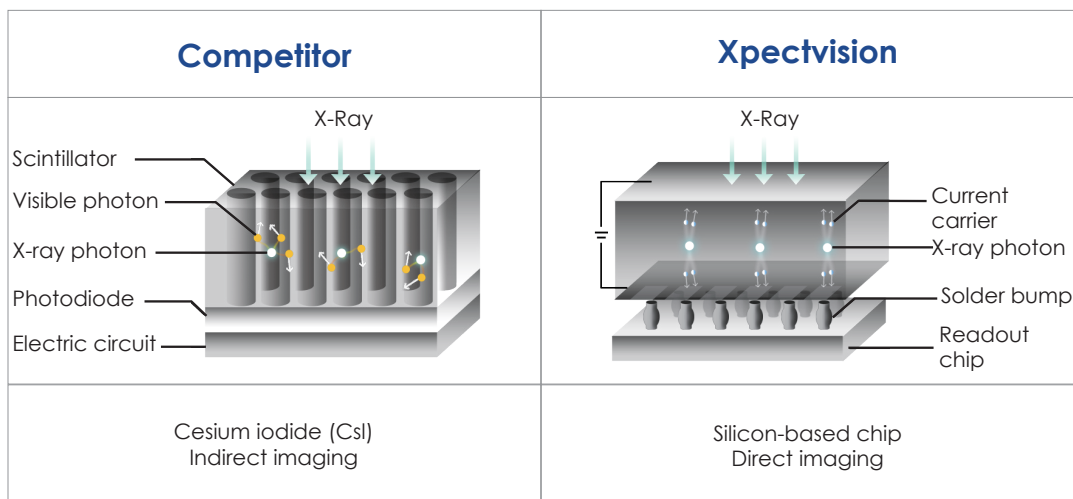


The World's First Photon-Counting Intraoral Sensor

Cutting Edge Technology and Strict Tests Deliver Unrivalled Durability

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



High-Strength, Durable Cable



Water Resistance Tested to IEC IP68



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



Xpectvision's Direct Imaging Innovation

Provides Unparalleled Clinical Image Quality

Of its high technical requirements and costs, photon-counting is an emerging technology in clinical CT. 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, and ensuring image acquisition stability.

The broad dynamic range eliminates time-consuming fine-tuning of exposure to produce a clinical image. Adjust contrast and brightness to meet different clinical requirements.

