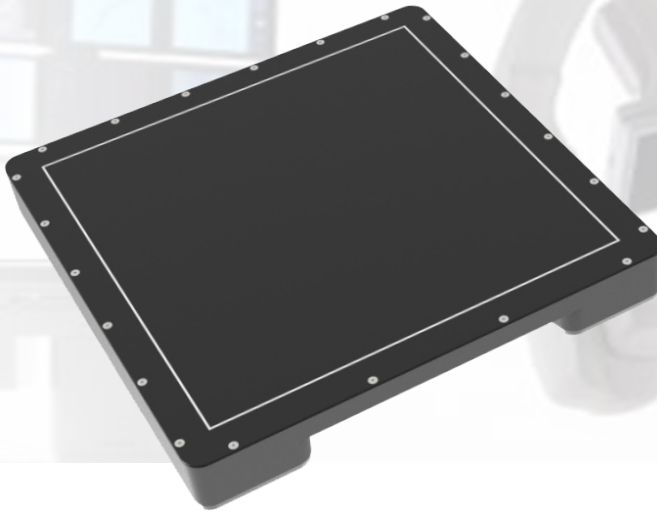


AZURE 2121Z

C-arm Detector



OVERVIEW

The Varex Imaging AZURE is a family of new dynamic detectors from the world's leading manufacturer of x-ray components. The AZURE uses a state-of-the-art and advanced IGZO sensor which, when combined with Varex Imaging's low-noise electronic design and advanced scintillators, provides excellent low-dose performance. This performance comes with the reliability and robustness for which Varex Imaging is renowned.

The AZURE 2121Z is designed for use in C-arm systems where the improved electronics and scintillator enable excellent low-dose performance. This provides linear performance over a wide dose range while minimizing exposure to both patient and staff. High frame rates are possible for smooth motion in a variety of dynamic applications.

FEATURES AND BENEFITS

PERFORMANCE

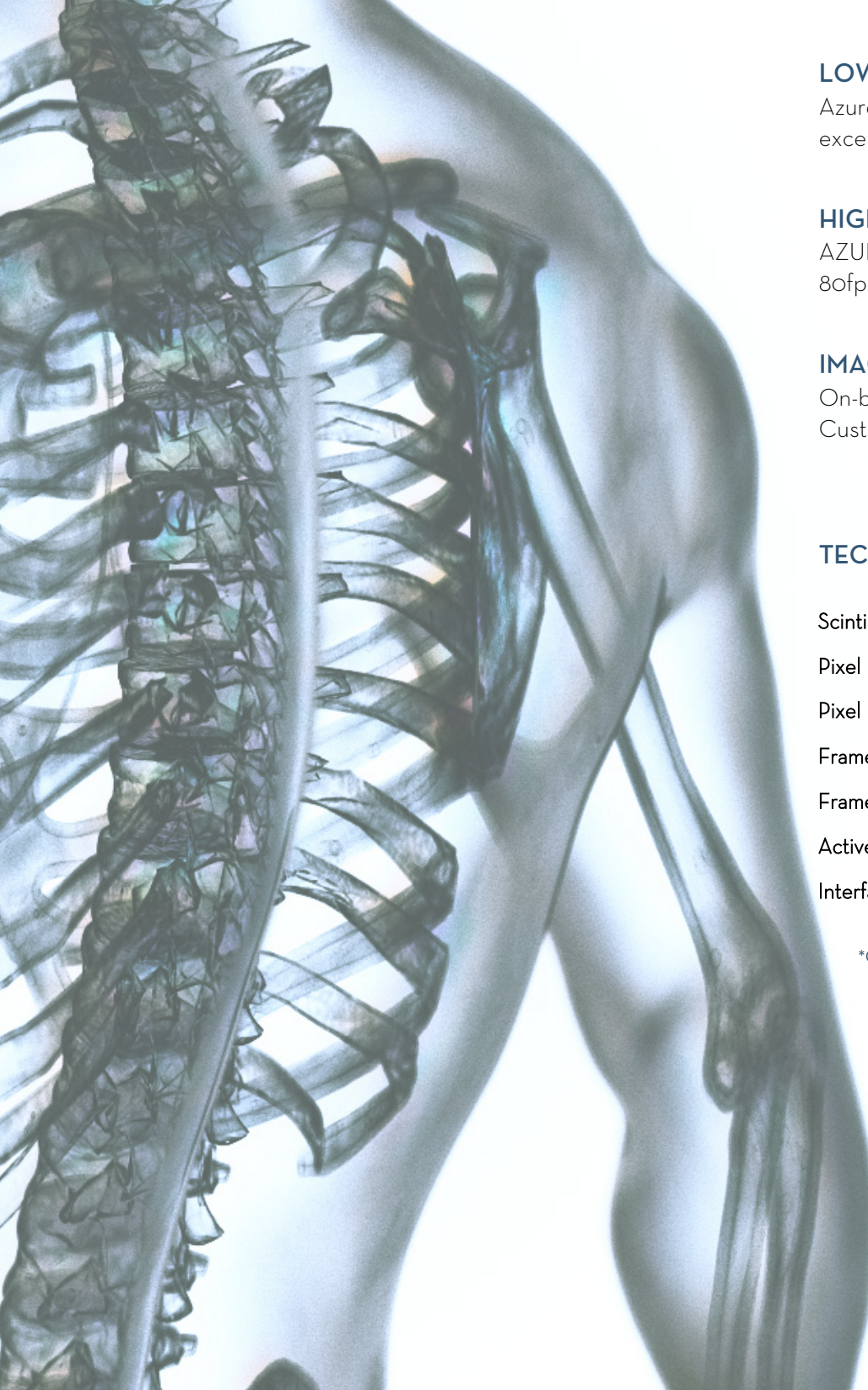
- Up to 80fps at full resolution
- 135 μ m pixel pitch
- Significantly improved low-dose performance*

INTEGRATION

- Simple integration with on-board corrections
- Image processing capabilities
- Simplified SDK

MECHANICAL

- Design for reliability
- Simple mechanical interface



LOW DOSE PERFORMANCE

Azure 2121Z is more sensitive, providing excellent image quality at lower dose levels*

HIGH FRAME RATE

AZURE 2121Z allows for frame rates up to 80fps for smoother motion at full resolution.

IMAGE PROCESSING

On-board corrections for simple integration. Customer specific processing is available

TECHNICAL INFORMATION

Scintillator	High Brightness CsI
Pixel Matrix (Total)	1536 x 1536
Pixel Pitch	135 μ m
Frame Rate (1 x 1)	80 fps
Frame Rate (2 x 2)	160 fps
Active Area (Total)	207 mm x 207 mm
Interface	CoaXPress or Ethernet

*Comparison is with Varex Imaging 2121DXV.

For more information about the 2121Z, please contact your Varex Imaging representative.

Unless otherwise specified, Varex Imaging Flat Panel X-ray Detectors are components intended to be integrated into products by X-ray system manufacturers. System manufacturers are responsible for qualifying and validating their products for their intended uses and meeting all applicable regulatory requirements.



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