X-ray CMOS camera X-Point Super Zero

X-Point Super Zero is industrial purpose X-ray CMOS TV camera for inspection e.g. PCB, electronic parts and small samples. It is a best option for replacement of obsolete X-ray TV systems.
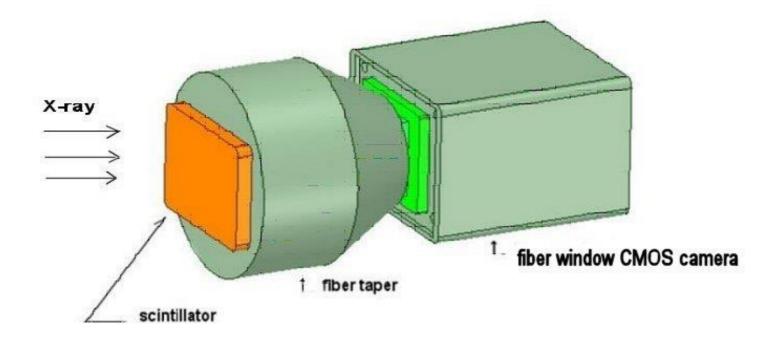
X-Point Super Zero-DD

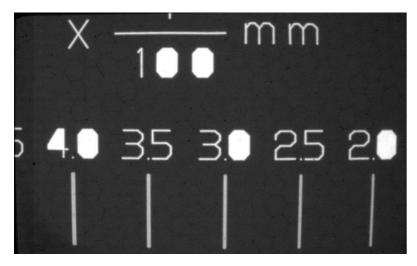X-Point Super Zero-U3

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Advantage One

FOP（Fiber Optic Plate ） and Taper Fiber are used for bright and distortion free image instead of optical lens.
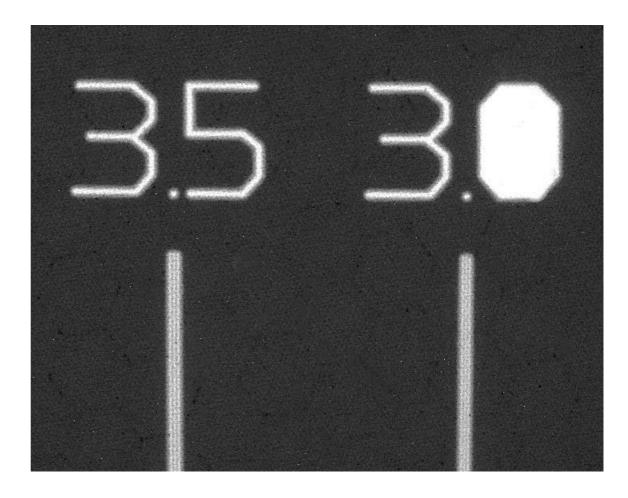
Advantage Two

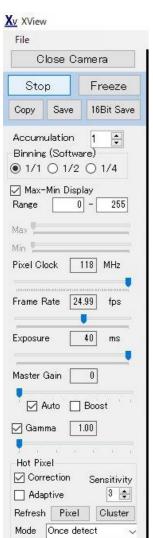Higher resolution attained without geometric enlargement.

X-ray resolution chart　× 1/100mm

Pick up center area　　→
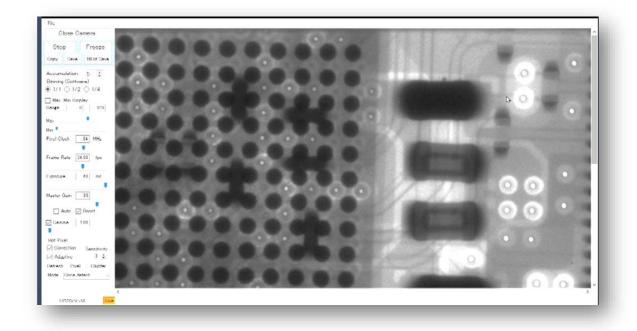

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Advantage Three

GigE (Poe) and USB 3.0interface realize plug & play connection and easy operation.

Advantage Four

Viewer software is ready for appropriate X-ray image capturing.

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General specification

Model name	X-Point SUPER ZERO-U3	X-Point SUPER ZERO-GE
interface	USB 3.0	GigE (Poe)
Frame rate	47 fps at full resolution	47 fps at full resolution
X-ray power range	10 KV – 100 KV	
Scintillator	CsI (Tl) on Fiber Optic Plate	
Image sensor	CMOS image sensor with global shutter	
Number of effective pixels	1920 (H)×1200 (V) Approx. 2.3M pixels	
F.O.V.	27mm (H)×17mm (V)	
Dimension	80mm (H)×90mm (V)×90mm (D)	100 mm (H)×75mm (V)×90mm (D)

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Model name	X-Point SUPER ZERO-DD	X-Point SUPER ZERO-ST
interface	GigE (Poe)	GigE Vision
Frame rate	47 fps at full resolution	47 fps at full resolution
X-ray power range	10 KV – 70 KV	
Scintillator	CsI (Tl) on Fiber Optic Plate	
Image sensor	CMOS image sensor with global shutter	
Number of effective pixels	1920 (H)×1200 (V) Approx. 2.3M pixels	
F.O.V.	25mm (H)×16mm (V)	
Dimension	66mm(V)×66mm(H)×87mm(L)	66mm(V)×66mm(H)×78mm(L)
image		

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