

DATA SHEET

NFP SYSTEM

NF3024C00 - CEPHALOMETRIC DETECTOR



watch the video

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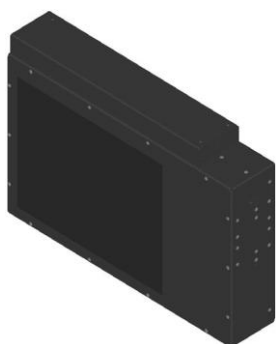
Thanks to its single shot acquisition feature this detector delivers high definition images with a low dose exposure for the patient.

The PSP with its wide dynamic ensures excellent results even in the presence of exposure errors. The on-board memory guarantees the picture recovery in case of computer failure.

With a price comparable to a 240 mm linear sensor, this detector avoids the cost of the precision mechanical parts in motion. Since the sensor does not require movement, it can be easily integrated in panoramic or 3D systems.

The Gigabit Ethernet connection and the 24 vdc supply allow easy mounting on any type of machine.

NF3024C00 is a newly patented single shot x-ray detector that uses a PSP plate combined to an integrated laser system for the reading of the image. This system, contrary to photodiodes linear sensors, does not require the movement of the x-ray tube and of the sensor allowing the single shot image acquisition. This feature ensures perfect images even if the patient moves during the image capturing.



<i>Model</i>	NF3024C00
<i>Pixel Resolution</i>	2560 x 2048
<i>Active Area</i>	300 x 240 mm
<i>Pixel Size</i>	100 µm
<i>Grey Scale</i>	16 bit
<i>Limiting Resolution</i>	4.3 Lp/mm
<i>Interface</i>	Gigabit Ethernet
<i>Mechanical Dimension</i>	460 x 320 x 92 mm
<i>Weight</i>	5.61 kg
<i>Connection</i>	Cable - Ethernet
<i>Power Input</i>	24Vdc ± 10%
<i>DQE - MTF</i>	CR Quality
<i>Energy Range</i>	40 ÷ 130 kV
<i>Working Temperature</i>	10 ÷ 40 °C
<i>Reading Time</i>	5÷20 sec

EN 60601-1-2 EMC
 EN 60601-1 Safety



NICAL SPA

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