



DXR S85 Detector Upgrade

for Phoenix X|aminer & Micromex neo 160

Waygate Technologies, a Baker Hughes business, is offering a DXR S85 detector upgrade for the CMOS detector and Image Intensifier for the Phoenix systems X|aminer and Micromex neo 160.

The upgrade package consists of:

- DXR S85 flat panel CsI detector
- New Acquisition (ACQ) / System PC
- New and enhanced x|act software package
- New Matrox Imaging Library (MIL 10)
- Windows™ 10 64-bit operating system

Phoenix DXR S85 detector delivers

- Brilliant 85µm pixel size
- 1536 x 1536 pixel matrix
- 16-bit AD conversion
- Frame per second up to 20
- 4 selectable gains

Proprietary Software – Phoenix X|act

- Industrial Design
- Ease of use
- Intuitive programming
- New image evaluation tools

Your Benefits:

- **New image chain of high performance**
DXR S85 CsI flat panel detector enables higher contrast and larger FOV
- **Complete system operability on Windows 10:**
Standardization of operating system across infrastructure footprint (ACQ PC + REC PC).
- **New 2D imaging software features:**
The upgrade to the current X|act 10.1.2 imaging software package includes additional features such as new and easier user interface, angle measurement and wire sweep module (operator bundle and above).

Technical Description

This DXR S85 upgrade brings the newest flat panel detector technology of Waygate Technologies which is widely used in the new X|aminer and Micromelx neo 160. Compared to the CMOS detector, it has significant improvement of contrast and noise. Inspection efficiency is also redefined by 77% increase of imaging area.

This package is an image chain upgrade which also comes with a new ACQ / System (industrial) PC. The operating system is Windows 10 (64-bit based). This ACQ PC also contains proprietary Phoenix|x-ray software packages which enable and control system components.

The system's 2D-imaging software package is modified to enable Windows 10 compatibility. Therefore, you will find the new and revised Phoenix X|act version 10.1.2, which comes with the MIL 10 dongle, installed on the new ACQ PC. (Note: Windows 7 support by Microsoft has reached its end of life).

In addition, fundamental to advanced operator training can be offered by an experienced application engineer to refresh or broaden the existing knowledge base. Likewise, X|act 10.1.2 implementation support is offered i.e. to transfer existing macros. Please be aware that these application trainings are on a surcharge base and not included in the upgrade package.

Contact:

**Waygate Technologies
Phoenix**

Niels-Bohr-Str. 7
31515 Wunstorf / Germany

Tel.: +49 5031 172 100

E-mail: phoenix-info@bakerhughes.com



a Baker Hughes business

Waygate-tech.com

Copyright 2022 Baker Hughes Company LLC. All rights reserved. The information contained in this document is company confidential and proprietary property of Baker Hughes and its affiliates. It is to be used only for the benefit of Baker Hughes and may not be distributed, transmitted, reproduced, altered, or used for any purpose without the express written consent of Baker Hughes. Baker Hughes reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your Baker Hughes representative for the most current information. The Baker Hughes logo is a trademark of Baker Hughes Company LLC. All other trademarks are the property of their respective owners.

(03/2023)