**Fraunhofer**

IIS

## iSTIX® – AFFORDABLE WHOLE-SLIDE SCANNING

# www.istix.com

**Available from our Partners:**

– VMscope GmbH – iSTIX®, Germany/Austria/Switzerland

– Bildsysteme HORN – iSTIX®, Germany/Austria/Switzerland

– Objective Pathology Services – FieldScope Micro, worldwide

*iSTIX® is not certified for diagnostics or therapy of diseases.*
*It is not a certified medical product.*

**Objective**   **VMSCOPE**   **HORN**

# UPGRADE YOUR MICROSCOPE INTO A MANUAL WHOLE SLIDE SCANNER

**The iSTIX® software upgrades any microscope.**
**It integrates seamlessly into your current workflow:**

| | |
|---|---|
| 1 | Mount Camera on Microscope and connect to computer. |
| 2 | Install and start iSTIX® |
| 3 | Click *Record* and operate the microscope as you normally do. Meanwhile iSTIX® processes the video feed in real-time and adds new frames to a panorama. |
| 4 | Click *Stop* and save the Whole Slide Image (WSI) in a pyramid-format or simply as large JPEG. |

## Applications

– **Scientific Research**
  – Digital Pathology
  – Hematology
  – Cytology
  – Oncology
  – Precision Medicine
  – Companion Diagnostics
  – Computational Microscopy
  – Quantitative Pathology
– **Education**
– **Microbiology and Life Sciences**
– **Material Science and Industrial Microscopy**

## Features

– Easy-to-use user interface.
– Supports objectives up to 100x, incl. oil immersion.
– Optional two-monitor-setup:
  panorama left, live image right.
– Anywhere Resync – after sync-loss, current field-of-view is matched against entire panorama.
– Record and export with image compression to save disk space.
– Record and export with lossless image compression for pristine quality.
– Save in popular „flat" formats: JPEG, TIFF, BMP.
– Save in professional WSI format:
  Aperio SVS, VMscope VSF (further ones coming up).
– Camera settings (exposure, white balance) managed per objective.
– Convenient storage of all scans in a central work space
– Native support for cameras by IDS.
  Most other cameras are supported via the generic DirectShow interface.

## iSTIX® Stitching Technology

We look forward to discussing possibilities of integrating our technology (patent pending) into your product with you.

## Options for Collaboration

– Tailor our software to your demands.
– Integrating the iSTIX® Stitching Technology into your product.
– Licensing and distribution of the software using the iSTIX® brand or using your own brand.
– Interoperability between your product (e.g. PACS, LIS, Analysis) and iSTIX®.

Please do not hesitate to contact us with any further questions.

## System Requirements

– Windows 7 or Windows 10
– CPU with min. 4 cores
– Min. 16 GB RAM
– USB 3 Interface (or similar) for the Microscope Camera

**A fully functional evaluation version is available for download free of charge. Get in touch!**
**www.istix.com**