

NeuraScanner

Scan Logs: Any Length, Anywhere



The E&P industry has large paper-based knowledge stores in danger of being lost as fragile logs and other documents degrade. Scanning them is essential in preserving and utilizing that critical knowledge. *NeuraScanner* is the only scanner designed with a single purpose in mind - scanning logs and other documents anywhere.

Smooth paper handling is critical in order to work with logs that are old and in poor condition. Even the oldest and longest documents flow through *NeuraScanner* to produce crisp raster images. This includes paper or film logs which may be up to 12" wide, or narrower logs. Width is controlled to scan only desired log tracks. Document length may be set to 12" fixed or unlimited. *NeuraScanner* can also be used to scan maps, core photos, reports and other data commonly found in the E&P environment. *NeuraScanner* scans at speeds up to 10 inches per second, while producing smaller cleaner images than larger and more expensive scanners. Slower speed setting is available for delicate originals. USB 2.0 provides simple and fast connectivity. *NeuraScanner* software allows on-the-fly control of image settings such as resolution (up to 600 dpi), brightness and detail scanning in grayscale or color images. With *NeuraScanner* the geoscientist controls the log data.

The *NeuraScanner* is so compact it fits in a standard briefcase and weighs less than 10 pounds. It can be carried everywhere - office, data room, rig and home and it was built to perform in even the most rugged environments. It is constructed of lightweight 7075 aluminum with stainless steel fasteners; the same materials used in many jet aircraft. The image sensor is shock mounted, while key surfaces are machined and anodized for smooth fit and feel. When the job is done, pack it in your laptop case for the next stop. If your business uses logs, *NeuraScanner* is a must.

NeuraView

Raster and LAS Software

NeuraView is the solution for quickly viewing, processing and printing TIFF images and LAS files prior to analysis. Processing features are used for image manipulation and text annotation. These features create a total image preparation tool for today's E&P workflow.

NeuraView reads one or more standard TIFF images (color, grayscale, B&W) or LAS files and displays them in scalable windows. "Instant Rescan" allows the user to quickly improve log images without having to rerun the paper log through the scanner, saving time and reducing wear on the log. By making use of the high-quality grayscale proof image the user can instantly convert to a B&W image with a click of the mouse while improving brightness and detail on any part of the image at will. Quickly scroll, zoom, splice, mirror, crop or rotate images. Now you can composite runs, repair reversed SP logs, make type logs etc. *NeuraView* also supports LAS files. Automated and quick customizable templates simplify the viewing and printing of digital log data. Any portion of a log can be isolated with the selection tool and then saved or printed. *NeuraView* is the one-stop application for industry standard log data.

Neuralog

Turning Paper Into Petroleum

NeuraScanner Features

Scan Width	2" - 12.1" unlimited length
Media	Paper, Mylar or Photographic Film (with optional film lid)
DPI	200-600
Colors	B&W, Gray, Color
Speed	2" - 10" per second
Portability	Fits into laptop case
Image Quality	On-screen control and feedback
Paper Control	Start/Stop at any position with forward/reverse feed

Physical Specifications

Compact Size	15" W x 9" D x 2.5" H -- Carry it in a laptop case with your PC!
Tough and Lightweight	Weighs less than 10 lbs. due to anodized aluminum casing
Universal Power Supply	110-220V/50-60 Hz allows for plug in anywhere
USB Standard Interface	USB 2.0

Mechanical/Paper Handling

- Precision rollers glide paper through scanner
- Kevlar timing belt for long, trouble-free life
- Paper sensor allows for scans of any length
- Paper guides control flow and support for even the longest documents
- Reverse switch allows paper to be backed up
- Whisper quiet fan
- Removable lid allows quick start and stop at any point in long logs
- Easy loading with no need to remove the lid

Communications/Processing

- Easy to use software with one-screen set up.
- Custom designed high performance 24-bit 600 DPI image sensor.
- Compact, optimized board design.
- Individual RGB LEDs for increased sensitivity and sharpness.
- High-Detail Twin LED-Based lights produce brilliant, shadowless scans.
- ADC Circuit interfaces the sensor to the electronics with ultra clean isolated power references that keep noise and impurities out of your scan.
- State of the art on-board configurable processor allows fast, high quality image processing and updateable firmware.
- USB 2.0 Port for optimal speed to your Win 2000/XP workstation.