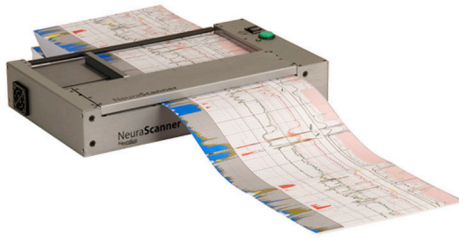# S | NeuraScanner

The Industry Log Scanning Solution

Having scanned millions of logs, the *NeuraScanner* is the **industry leading solution** for log capture, viewing, editing and printing, and for good reason.

The E&P industry has large paper-based knowledge stores in danger of being lost through degradation. Scanning logs is essential to 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. Width is controlled to scan only desired log tracks and control image size. 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 the most 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 user controls the log data.

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. 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 aircrafts. The image sensor is shock mounted and the light source is LED for durability and long life. 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.

V | NeuraView

View, Edit and Print Logs and Maps

NeuraView is the solution for quickly viewing, editing and printing TIFF, BMP, PNG, CGM, EMF, JPG, PDS, PDF and LAS files prior to analysis. Processing features are used for image manipulation, and text annotation is also included. These features create a total image tool for today's E&P workflow. *NeuraView* reads one or more 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 make composite logs, 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 and map data.

Benefits of NeuraScanner

❶ Capture data how, when and where you need it

❷ Confidence in using the industry leader

❸ Realize the potential of your legacy log data

❹ Faster access means faster, more informed decisions

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. with anodized aluminum case
Universal Power Supply	110-220V/50-60 Hz allows plug-in-anywhere performance
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 on-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 and reliability

System Requirements

i5 Processor • 8GB RAM • 1920x1080 resolution • Windows 7 to Windows 10

"We saved more than $100,000 in service fees and untold man-hours."

Visit neuralog.com/case-studies to read the full case study.

Value Add Options

Neuralog Desktop *can organize and access your raster logs and other E&P data at the project or company level.*

NeuraLog *can digitize or depth-calibrate your raster logs when needed.*