MWD/LWD - Gamma Sensor

Gamma Module
Typical Sensitivity 1.4CPS per API
• Thin-bed resolution 6.8" (in 8" hole diameter at 50% points)
• Accuracy +/-2@ to 300°F, +/-5% to 350°F
• Low power, 8-11mA at 28V
• Operating voltage range 17V-36V
• Operating temperature -77°F to 350°F (-40°C-175°C)
• Rugged. Vibration (3-axis) 5-1000 Hz random spectrum 20g RMS, Shock (Z-axis)500G, (X or Y-axis) 1000g, 0.5

Isys Gamma/Remote Hub
Rugged, fan less design.
• High power 802.11b/g/n wireless hub
• 5 Network ports for wired access or cellular data access connection
• 4 RS-232/RS-485 ports for WITS input/output
• USB ports for external device connection
• Windows 7 x 64 operating system for broad device support range

Printrex Printer
• Prints continuous logs
• Rugged construction
  Thermal printing (no ink)

LogIT Software
Single application for MWD, LWD, tool programming, printing, tool diagnostics, and log plotting
WITS input and output via multiple RS-232/RS-485 ports, allows units of measure conversion plus pass-through of WITS messages
Print logs, surveys, and plots to PDF format for easy distribution and prints continuous logs to Printrex printer
Drag and drop gamma and ROP editing
• Export surveys and logs in LAS, CSV and Excel
• Custom log header editor, builds log headers in your preferred format and easily modify them
Import LAS and CSV data for plotting alongside logged data
Time-correlation editor for imported data to compensate for clock differences in logged data from multiple sources.

Advantages
Fully integrated MWD/LWD solution; no more configuring MWD and LWD system’s to talk
Designed for ease of use
Accurate, rugged gamma module and advanced snubber design reduces shock and vibration to sensor module
• Tool memory logging. Logs can be imported into LogIT for high-resolution gamma logs at end of job
• Gamma/Remote Hub computer allows numerous client computers to connect simultaneously to same job including remote users
• Remote access enabled as client computer connection does not tie up job site computer