KILNSCOUT v2

WIRELESS

Take the Guesswork Out of Kiln Drying.

Real-time moisture and temperature data for better decisions, better results, and better profits.

KilnScout v2 Wireless gives operators direct visibility into lumber moisture throughout the drying process—helping mills make better decisions about kiln schedules, shutdown timing, and continuous-kiln push rates.

Built on Finna Sensors' proven in-kiln moisture measurement technology, KilnScout v2 features redesigned hardware, advanced reporting, and improved kiln-control integration.

Measure it. Monitor it. Control it.



24–36 MONTHS BATTERY LIFE

vs. 6–18 months with KilnScout v1.

REAL-TIME VISIBILITY

Continuous, in-kiln moisture & temperature readings you can trust.

BETTER DECISIONS, BETTER RESULTS

Use accurate moisture data for shutdown timing, schedules, and push rates.

IMPROVED CONSISTENCY

More uniform drying means better quality, more throughput, and fewer off-spec loads.

LOWER COST OF OWNERSHIP

Lower-cost replacement parts, longer component life, and fewer battery changes reduce maintenance costs and overall cost of ownership.

SMART ALERTS & REPORTING

Real-time temperature alerts (email & text), SPC tools, and reporting keep you informed and in control.

BUILT TO INTEGRATE

Better integration with existing kiln controllers for true process-control performance.

FINNA SENSORS

PROVEN TECHNOLOGY. POWERFUL RESULTS.

720.963.6500 | finnasensors.com

WHAT'S NEW IN KILNSCOUT v2

REDESIGNED, MORE DURABLE ENCLOSURE
Built for the harsh environment inside softwood and hardwood kilns.

SEPARATE BATTERY & ELECTRONICS COMPARTMENTS
Battery service can be performed without exposing or disturbing the circuit board.

HEAVIER-DUTY CONNECTIONS
Stronger posts, wingnuts, and sensor leads provide a more secure connection and better durability.

SMART ALERTS
Receive email and text alerts for kiln temperature conditions—helping operators stay informed about what's happening inside the kiln.

ENHANCED REPORTING & REMOTE MONITORING
Dashboards, historical trends, and reports provide actionable insights from anywhere.

IMPROVED KILN CONTROLLER INTEGRATION
Better integration with existing kiln controllers for closed-loop process control.

KILNSCOUT v1



6–18 MONTHS BATTERY LIFE

VS.

KILNSCOUT v2 WIRELESS

24–36 MONTHS BATTERY LIFE

- Lower-Cost Replacement Parts
- Longer Battery & Component Life
- Fewer Battery Changes
- Less Maintenance
- Lower Total Cost of Ownership





MIX AND MATCH v1 & v2 SENSORS

Use any combination of KilnScout v1 and v2 sensors in the same system.
Upgrade sensors as needed—no need to replace your entire setup.

64 SENSORS PER HUB

HOW KILNSCOUT v2 WORKS



IN-KILN SENSORS
Installed in lumber packages to measure moisture and temperature in real time.

WIRELESS COMMUNICATION
Secure wireless connection sends data from multiple sensors to the hub.



KILNSCOUT HUB
Collects and manages data from up to 64 sensors per hub.



SOFTWARE & REPORTING
Live dashboards, trends, alerts, and SPC tools for actionable insights.



KILN CONTROL INTEGRATION
Moisture data integrates with your control system to drive schedules and push-rate adjustments.

TECHNICAL SPECIFICATIONS

Dimensions	2.75" W x 7.875" L x 1.25" H
Radio Frequency	915 MHz (FCC Licensed)
Battery Life	24–36 months
Power Source	Replaceable lithium battery
Operating Temperature	-40°F to 257°F (-40°C to 125°C)
Communication Range	Up to 300 ft line of sight
Sensors per Hub	Up to 64 sensors per hub
Enclosure	Rugged, sealed for in-kiln environments

Specifications subject to change.

WARRANTY

KilnScout is warrantied against defects in workmanship and materials for a period of **1 year (12 months) from the date of shipment,** provided the product remains unmodified and is operated under normal and proper conditions.

See full warranty for details.

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