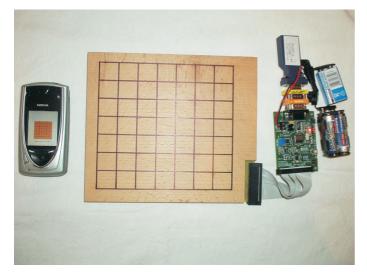
## Intelligent Go Board







## **Abstract**

A wooden Go board has been extended with the capability to record moves and passes. The 8x8 size has been chosen for technical reasons; an extension to size 19x19 is straightforward. Stones are sensed by a sensor plate at the bottom (see middle and bottom image) with 1.2mm thickness. No other changes to board or stones are needed. The board is a full hardwood board of appropriate size.

The top image shows the complete system with integrated sensor system (single-chip) plus BlueTooth transceiver. Software runs on a standard mobile phone for demonstration purposes. Adaptation to other platforms is straightforward.

## **Technology Features**

- Almost no change in playing style is needed; just "play from above"
- Recording is fully automatic and almost perfectly accurate.
- Full game record can be stored, plus move times & comments.
   Allows for more subtle analysis of game progress and structure.
- Ideal for tournaments: no important games can ever get lost.
- Ideal for beginners: games are recorded faithfully for later analysis.
- BlueTooth interface for game record exchange (others are planned)

Please contact for more details. Live demonstration of this technology is now available.



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