

# LF Long Range Reader



GP90A is an extended range proximity 125 khz reader featuring read range of up to 90 cm with Standard clamp shell cards. The GP90A is equipped with an Advanced Auto-Tuning Circuitry that compensates for the presence of metal objects in the vicinity of the GP90A and for other environmental factors (such as temperature variations) that affect the tuning of the GP90A's internal antenna and decrease the reading distance. Auto-tuning recovers significant portion of the reading distance that otherwise would have been lost due to the loss of tuning. The GP90A is constantly adjusting its tuning to obtain the best reading distance possible under the circumstances.

## **SPECIFICATIONS:**

- Extra long reading range of up to 90 cm with ISO-size passive RFID clamshell cards\*, and 150 cm with special "thick" passive tags .
- High-precision Auto Tuning Circuitry compensates for environmental changes and presence of metal objects
- Bright LED indicators, tuning LED bar
- Four user-selectable interfaces: Magstripe, Wiegand, RS232 and RS485
- Internal relay and serial port commands to control it
- Firmware upgradeable in the field
- Attractive and waterproof housing design
- High-quality power supply with noise filter included