GP60

Data Sheet Dec 20, 1999 Rev 1.0

Provisional information for pre-production units

The GP60 is a powerful medium range proximity reader featuring small dimensions and a read range of up to 60cm. The unit will run from any voltage from 5 to 14vdc and making it particularly suited to access control, car park and through wall applications.

Power Requirements	5-14 volt regulated DC. 400mA. A linear 12volt regulator is best used but the unit will work with a wide variety of supplies.
Interface	9.6K Baud Serial ASCII (RS232)
Typical Maximum Read	Up to 60cm at 13.5v with ISO card in ideal conditions
Frequency	125KHz standard
Transponder	Read Only.
Audio/Visual Indication	Internal LED and Buzzer
Dimensions	21cm*21cm
Temperature Range	-10 to 60 Deg C.
Interface Cable	90cm.

Output Assignment

Red	Power	5 - 14 Volt
Black	Power	0 Volt
Green	Data Output	

Data Structure (Serial ASCII)

Baud Rate: 9600, N, 8,1

STX(02 HEX)	DATA	CR	LF	ETX (03 HEX)

The start character is factory defined as an 'STX' (02 HEX). The CR\LF characters serve to bring the received screen text back to the left hand side and on the line below after the data bytes have been sent. The 'ETX ' (03 HEX) character denotes the end of the current transmission.