Wizard
Monitor and Control

A low cost solution to simple monitoring and control functions.

Available in both Standard (Std) and High Current (HC) I/O configurations.

Instrument dimensions:
W:107 x H:102 x D: 50mm
Excluding cable and mounting bracket

Customisation Examples:

Input/Output Specification: Wizard Std and Wizard HC

Wizard Std:

Wizard HC:

Inputs:

8 frequencies - 2 x 2KHz + 6 x 200Hz

or

8 x 200Hz (3 x 10KHZ optional).

4 x software configurable sensing inputs available as digital 0V sensing or analogue 0-5V/0-40mA.

1 x unique serial output for comms. with printer, PC, or custom serial interface.

Outputs:

5 x on/off or 100Hz PWM (200mA)
Internal audible alarm.

4 x changeover relay type.
Software configurable as four independent outputs or as two pairs.
Switch 12V @ 3A load.
Configurable as 100Hz PWM.
Internal audible alarm.

Specification:

Power supply:	10 - 30V dc	Communications:	1 x RS232
Current consumption:	80mA + outputs		1 x CAN (Std only)
Display:	4 digit custom LCD, including 6 channel indicators, 3 status (bar graph) indicators, LED illumination.	Enclosure:	Glass reinforced ABS
		Mounting:	Free standing or panel mount
		EMC:	EEC 89/336 ISO 14982
Front panel switches:	5 illuminated elastomeric keypad	Temperature	0 to 50°C operating -30 to 70°C storage
Processor:	Phillips 89C51	Clock:	Real time clock (optional)
Memory:	Program storage: 64k Data storage: 256 bytes	Sealing:	IP67

Errors and omissions excepted. Technical details are subject to change. ref: DS/OEM/Wiz/rev1.2

For further information, please contact the OEM department on the details below or e-mail: rds.sales@rdstec.com