### **Real time**

# SD CARD DATA LOGGER

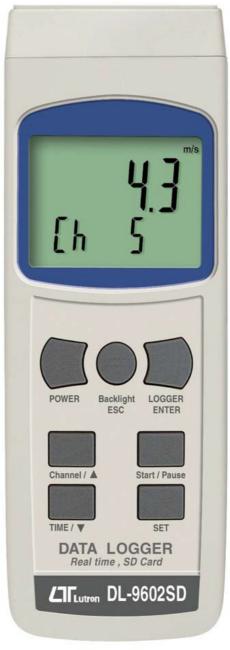
Model: DL-9602SD

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101









The Art of Measurement

## real time SD CARD DATA LOGGER

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#### **FEATURES**

١	* Real time SD memory card Datalogger, it can
١	cooperate with most LUTRON instruments if it build
١	in the computer interface.

- \* Built-in Clock and Calendar, real time data recorder, sampling time set from 1 second to 8 hours 59 minutes 59 seconds.
- \* Manual datalogger is available ( set the sampling time to 0 ), during execute the manual datalogger function, it can set the different place ( location ) No. ( place 1 to place 99 ).
- \* Innovation and easy operation, computer is not need to setup extra software, after execute datalogger, just take away the SD card from the meter and plug in the SD card into the computer, it can down load the measured value with the time information ( year/month/date/ hour/minute/second ) to the Excel directly, then user can make the further data or graphic analysis by themselves.
- \* SD card capacity: 1 GB to 16 GB.
- \* Can set the numerical decimal point character to " . " or " , " with default, then Datalogger data that saved into the SD card can be used in different country.
- \* Can set max. 9 channels data input with default.
- \* DC 1.5V battery ( UM-3 , AA )  $\times$  6 or DC 9V adapter in.
- \* LCD with green light backlight, easy reading.
- \* RS232 signal output, can connect the external computer.

### **SPECIFICATIONS**

Application	* Real time SD memory card		
	Datalogger can cooperate with all		
	LUTRON instruments if it build in		
	the computer interface.		
	* Innovation and easy operation,		
	computer no need to setup extra		
	software, after execute datalogger, just		
	plug in the SD card into the computer,		
	it can down load the all the measured		
	value and unit along with the time		
	information ( year/month/date/		
	hour/minute/second ) to the Excel		
	directly, user can make the further data or graphic analysis by themselves.		
Circuit	Custom one-chip of microprocessor LSI		
	circuit.		
Display	LCD size: 52 mm x 38 mm		
	LCD with Backlight ( ON/OFF ).		
Input	Direct RS232 signal input.		
Signal	Isolate RS232 signal input.		

	. 60		
Advanced		mory card Format	
setting	* Set input channel No.		
	Set clock time ( Year/Month/Date,		
	Hour/Minute/ Second )		
	* Set sampling time ( Hour/Minute/		
	Second )		
	* Auto power OFF management		
	* Set LCD backlight ON/OFF		
	* Set beeper sound ON/OFF		
Power off	Auto shut off saves battery life or		
	manual c	off by push button.	
Sampling Time	Auto	2 seconds to 8 hours 59 min.	
Setting range		59 seconds.	
		@ Sampling time can set to 1 second,	
		but memory data may loss	
	Manual	Push the data logger button	
		once will save data one time.	
		@ Set the sampling time to	
		0 second.	
Data error no.	0.1% of	total saved data max.	
Data Output	RS 232/USB PC computer interface.		
		tput data structure are same as	
	the input data.		
	* Connect the optional RS232 cable		
	UPCB-02 will get the RS232 plug.		
		t the optional USB cable	
O		will get the USB plug.	
Operating -	0 to 50 ℃.		
Temp. and	Less than 85% R.H.		
Humidity	w 411 11		
Power Supply	* Alkaline or heavy duty DC 1.5 V battery		
	( UM3, AA ) x 6 PCs, or equivalent.		
	* DC 9V adapter input. ( AC/DC power		
	adapte	er is optional ).	
Power Current	Normal operation ( w/o SD card save		
	data and LCD Backlight is OFF) :		
	Approx. DC 7 mA.		
	When SD card save the data and LCD		
	Backlight is OFF) :		
	Approx. DC 28 mA.		
	* If LCD backlight on, the power		
		nption will increase approx.	
	17 mA		
Weight 468 g/1.03 LB.		03 LB.	
Dimension	178 x 68 x 44 mm		
		7x 1.7 inch)	
İ	1.5	•	
Standard	* Instru	ction manual 1 PC	
Standard Accessories		ction manual1 PC	
Accessories		e earphone cable, UPCB-03	
Accessories Included	* Double	e earphone cable, UPCB-03	
Accessories	* Double	e earphone cable, UPCB-03	

PATENT CHINA: ZL 2008 2 0189918.5 ZL 2008 2 0189917.0

Germany: Nr. 20 2008 016 337.4 JAPAN: 3151214

<sup>\*</sup> Appearance and specifications listed in this brochure are subject to change without notice.