GSM CONTROLLER

Model : GSM-889   *ISO-9001, CE, IEC1010*

To 8 channel
RS232 input

FEATURES

* Control/Alarm/Monitor via GSM mobile phone,
  with no distance limitation.
* 8 channels RS232 input, 8 relay outputs,
  8 switch inputs.
* 8 channels RS232 input can cooperate full line LUTRON
  instruments (build RS232 output), it will display the
  real value with the measuring unit on mobile phone.
* Analog channel alarm warning setting.
* Interface cable (meter to GM-889), Model : GMCB-89
* Application : Intelligent , innovation, wide range,
  no limitation.
* 3 band (950/1800/1900 MHz) for Americal, model : GSM-889-3B

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GSM CONTROLLER

Model : GSM-889   www.YaLAB.com.tw 02-2389-0101 04-2227-0088

FEATURES	
* Control/Monitor/Alarm via GSM mobile phone, no distance limitation. User can control/monitor/alarm their device from over the world.	* Mobile telephone can call all meter's measuring value, status of Switch input and Relay output at any time.
	* Can default three telephone no., alarm SMS can be send to three users max.
* 8 channels RS232 input can cooperate full line LUTRON instruments (build RS232 output), it can read the actual measuring data with display unit on mobile phone via the SMS (Short Message) requesting, such as CH1= 28.0 ℃. CH2=53.7 %RH, CH3=7.01 pH...... CH8= 230.5 ACV.	* Build GSM mobile modem (two bands/GSM-889 or three bands /GSM-889-3B).
	* After the SMS command send by mobile phone, the confirm message will be send back to the mobile, safety and no loss.
* 8 Relay outputs.	* Intelligent application , innovation, wide range, no limitation.
* 8 Switch inputs, normal open, close will alarm.	
* Setting instrument's measuring value alarm (High alarm, Low alarm) and warning from mobile phone.	* Full line RS232 instruments are available from LUTRON : ACV, ACA, DCV, DCA, Hz, WATT, VAR, Power Factor, Humidity, Temperature (type K, Pt 100 ohm), Pressure, Vibration, Sound Level, RPM, pH, Conductivity, Dissolved, TDS, ORP, RPM, Air velocity, Light, Clamp current, Force, EMF, IR, UV light, Moisture, Digital Multimeter... , detail please refer the LUTRON instruments catalog or website (www.YALAB.com.tw).
* Setting Input switch alarm (close alarm) to enable or disable via SMS, close input switch will alarm.	
* Relay output On/Off setting via SMS.	
* Dot matrix LCD display, show instrument measuring value, Switch input and Relay output status.	
* All setting value will be saved into EPROM IC, no loss.	

APPLICATION	
* Industrial remote monitor/controller/alarm system.	* Agriculture usage.
* Industrial security system.	* Animal husbandry.
* Home security system.	* Water supply systems.
* Building supervision.	* Traffic systems.
* Industrial systems.	* Railway systems/Vehicles.
* Pumping stations.	* Energy systems.
* Power station.	* Water clarification.

SPECIFICATIONS				
Switch inputs	Number	8 inputs	DISPLAY	Dot-matrix LCD with back light 16 characters x 2 line.
	Reaction time	200 mS, min.	GSM Modem	900/1800 MHz, dual band.
	Status	Default open, Close will alarm	Standard	CE conformity
RS232 inputs	Number	8 channels	Operating Temperature	0 to 50 ℃ (32 to 122℉)
	Input socket	3 pins earphone socket.	Operating Humidity	Less than 80% RH.
	Function	8 channels RS232 input can cooperate full line LUTRON instruments (build RS232 output), it can read the actual measuring data with display unit on mobile phone via the SMS (Short Message) requesting, such as CH1= 28.0 ℃. CH2=53.7 %RH, CH3=7.01 pH...... CH8= 230.5 ACV.	Power supply	DC 9V.
			Power consumption	Less than 400 mA DC.
			Size	193 x 149 x 46 cm (7.6 x 4.9 x 1.8 inch).
			Weight	592 g (1.3 LB).
			Accessories includes	Operation manual............................ 1 PC AC (100 -240 V)/DC (9V, 1 Amp) power adapter................................ 1 PC Antenna .... 1 PC
Relay outputs	Number	8 relays	Optional accessories	Interface cable, Model : GMCB-89 Interface cable that connect the LUTRON RS232 instrument to GSM controller, GSM-889
	Function	Relay 1 to Relay 7 can control by mobile via SMS Relay 8 is the alarm relay used to connect to field alarm system	Other model	3 band (950/1800/1900 MHz) for American market. Model : GSM-889-3B
	Max. load	1 ACA/250 ACV		
		1 DCA/24 DCV		