

Connect 8 LUTRON RS232 instruments, 8 witch inputs, 8 relay output

# GSM CONTROLLER

Model : GSM-889

ISO-9001, CE, IEC1010



## 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



LUTRON ELECTRONIC

*The Art of Measurement*

# GSM CONTROLLER

Model : GSM-889

## 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.
* 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 °C. CH2=53.7 %RH, CH3=7.01 pH..... CH8= 230.5 ACV.	* Can default three telephone no., alarm SMS can be send to three users max.
* 8 Relay outputs.	* Build GSM mobile modem ( two bands/GSM-889 or three bands /GSM-889-3B ).
* 8 Switch inputs, normal open, close will alarm.	* After the SMS command send by mobile phone, the confirm message will be send back to the mobile, safety and no loss.
* Setting instrument's measuring value alarm ( High alarm, Low alarm ) and warning from mobile phone.	* Intelligent application , innovation, wide range, no limitation.
* Setting Input switch alarm ( close alarm ) to enable or disable via SMS, close input switch will alarm.	* 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.lutron.com.tw ).
* 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 °C ( 32 to 122°F )
	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 °C. 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 ( 850/1800/1900 MHz ) for American market. Model : GSM-889-3B

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

0901-GSM889