



BQTEK®

BQ100 GSM Control and Alarm Unit

About Product

BQ100 is a GSM based relay control and input status monitoring device. You can control relays or get the status of sensors that are connected to the inputs by sending SMS or making call using interactive voice response (IVR). By adjusting settings you can get SMS, e-mail or call notification, if there is a status change in the inputs.

BQ100 does not need any external device like phone or modem; all you need a SIM card. By calling the number of the SIM card or by sending SMS to the number you can control all functionalities of the unit.

BQ100 has 8 relay outputs and 4 dry contact digital inputs. You can control all relays remotely by SMS or by calling. BQ100 also has alarm settings which you can adjust according to the state of the inputs. If any activated alarm is triggered; the device can send SMS, make calls, and send e-mails depending on the settings of the input.

You can use our mobile application SMS Asistan for both Android and IOS to set device properties easily. With BQ100-R model you can send RS485 telegrams to external device and get the answer.

Properties

Power	12V DC 1A
Relay	8 Dry Contact 4A 230VAC
Input	4 Dry Contact Inputs
Box	DIN Rail Type ABS
GSM Protocols	SMS/DTMF
GSM	850/900/1800/1900 MHz
SIM Card Support	3V/1.6V
SIM Socket	Push Type
Antenna Connector	SMA Female
Working Temperature	-20 C to +70 C

Some Applications

- ◆ SMS send with PLC
- ◆ Server room door alarm
- ◆ Cold storage door alarm
- ◆ Logistic car door alarm
- ◆ Remote motor control
- ◆ Cheap alarm system
- ◆ Tank filling system
- ◆ Machine location find

What you can do with BQ100

◆ Warning Systems

Situation like machine faults, power cuts or power come backs you can be informed by using BQ100 which helps you to saves your precious time.

◆ Remote Device or Machine Control Systems

SYou can turn on or turn off devices that are connected to the relay outputs of the BQ100 with sending SMS or by calling it.

◆ Alarm Systems

BQ100 is not designed to be an alarm but you can use its unique features to act like an alarm system. By connecting it is input a magnetic contact or motion detector sensor you can activate a relay that is connected to a siren. You can set the BQ100 if motion detector or magnetic contact is activated turn on the siren for a while and sends you SMS or e-mail immediately.



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