



# BQTEK®

## BQ110

### GSM Control and Alarm Unit

#### About Product

BQ110 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. By adjusting settings you can get SMS notification, if there is a status change in the inputs.

BQ110 does not need any external device like phone or modem; all you need a SIM card. By sending SMS to the number of the SIM card you can control all functionalities of the unit.

BQ110 has 2 relay outputs and 2 dry contact digital inputs. You can control all relays remotely. BQ110 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 or activate a relay 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 BQ110-R model you can send RS485 telegrams to external device and get the answer.

#### Properties

<b>Power</b>	12V DC 1A
<b>Relay</b>	2 Dry Contact 4A 230VAC
<b>Input</b>	2 Dry Contact Inputs
<b>Box</b>	Desktop And Wall Mountable ABS
<b>GSM Protocols</b>	SMS
<b>GSM</b>	850/900/1800/1900 MHz
<b>SIM Card Support</b>	3V/1.6V
<b>SIM Socket</b>	Push Type
<b>Antenna Connector</b>	SMA Female
<b>Working Temperature</b>	-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 BQ110 which helps you to saves your precious time.

##### ◆ Remote Device or Machine Control Systems

You can turn on or turn off devices that are connected to the relay outputs of the BQ110 with sending SMS to the device.

##### ◆ Alarm Systems

BQ110 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 BQ110 if motion detector or magnetic contact is activated turn on the siren for a while and sends you SMS immediately.



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