

# **BG96** Release Notes

## **LTE Module Series**

Rev. BG96 Firmware\_Release\_Notes\_V0207.01.007.01.007

Date: 2018-08-02



## 1. Preamble

This document provides the Release Notes for BG96 firmware version **BG96MAR02A07M1G\_01.007.01.007**. It describes major changes compared to BG96 firmware version **BG96MAR02A07M1G**. All changes are on the APP side, and do not affect protocols of the Modem. We maintain the A07 version number unchanged. Do upgrade on the APP side. Add new AT command to query the APP version. For a detailed listing of all changes, please refer to the BG96 AT Command Set.

Before:

ATI

Quectel

BG96

Revision: BG96MAR02A07M1G

After:

ATI

Quectel

BG96

Revision: BG96MAR02A07M1G

AT+QGMR

BG96MAR02A07M1G\_01.007.01.007 //Added new AT to query the full version information;

## 2. New Features

### 2.1 New Features of Modem Protocol

No update.

### 2.2 New Features of Modem APP

Item /Category	Brief description	Since
GENERAL	Added AT Command <b>AT+QGMR</b> to query the full version information, including the protocol version number and application version number of modem.	R02A07_01.007.01.007
GENERAL	Added AT Command <b>AT+QCFG="airplanecontrol"</b> to enable/disable airplane mode.	R02A07_01.007.01.007
GENERAL	Added AT Command <b>AT+QCFG="gpio"</b> for configuration of some GPIOs.	R02A07_01.007.01.007

<b>LwM2M</b>	Added AT Command <b>AT+QLWM2M="psk"</b> to enable automatic generation of PSK data.	R02A07_01.007.01.007
<b>GENERAL</b>	Added USB suspend function.	R02A07_01.007.01.007

### 3. Improved Features

#### 3.1 Improved Features of Modem Protocol

No update.

#### 3.2 Improved Features of Modem APP

Item/Category	Brief description	Since
<b>MQTT</b>	Optimized <b>AT+QMTPUB</b> to enable specifying the load length.	R02A07_01.007.01.007
<b>GENERAL</b>	Fixed the bug that DTR pin has no internal pull up when module powers on.	R02A07_01.007.01.007
<b>GENERAL</b>	Fixed the bug that DCD pin cannot be controlled by <b>AT&amp;C</b> command.	R02A07_01.007.01.007
<b>MQTT</b>	Fixed the bug that data transmission sometime fails when sending data with a long time interval.	R02A07_01.007.01.007
<b>GENERAL</b>	Optimized the file system performance.	R02A07_01.007.01.007

## 4. Functions

Basic Function								
SMS	Voice Call	Data Call	Fax	USSD	PHB	STK	CMUX	Dual UART
Y	N	N	N	Y	N	N	Y	N
FILE <sup>1)</sup>	Triple UART							
Y	N							
Protocol Function								
TCP/UDP	PPP	FTP	HTTP	NITZ	PING	HTTPS	TCP SSL	FTPS <sup>2)</sup>
Y	Y	Y	Y	Y	Y	Y	Y	Y
MQTT								
Y								
Special Function								
GNSS	PSM	DFOTA						
Y	Y	Y						

### NOTES

1. Y means the firmware supports this function.
2. N means the firmware does not support this function.
3. <sup>1)</sup> Supports UFS FILE only.
4. <sup>2)</sup> Supports FTPS-Implicit SSL only.