FIBOCOM NL668 AT Commands User Manual_TTS

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Fibocom

Applicability Type

No.	Type	Note
1	NL668-CN-00	NA
2	NL668-EAU-00	NA
3	NL668-AM-00	NA
4	NL668-EU-00	NA
5	NL668-EU-01	NA
6	NL668-EU-03	NA
7	NL668-AM-01	NA
8	NL668-JP-00	NA
9	NL668-LA-00	NA
10	NL668-CN-10	NA

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Versions

Version	Author	Assessor	Approver	Update Date	Description
V1.0.0				2019-04-22	Initial Version
V1.1.1	Zhang Wenkang	Long Yiliang	Zhang Jun	2019-07-22	Add +GTTS? command parameter encode
V1.1.2	Zhao Hong	Long Yiliang	Long Yiliang	2019-10-17	Add NL668-CN-10 project

Content

1 TTS Command

1.1 TTS Introduction

This section describes the TTS features, which can convert the given string to speech. The given string can be either Chinese or English.

1.2 +GTTS,Set the text to speech

1.2.1 Description

This command is used to set the text to speech.It is better to check the setting of the CODEC correctly before using the command to convert a string.

1.2.2 Syntax

Command	Possible response(s)
+GTTS=<mode>[,<string>[,<encode>]]	OK (Playing) +TTS: END or OK or ERROR
+GTTS=?	+GTTS: (list of supported <mode>s),(<string>),(list of supported<encode>s) OK
+GTTS?	+GTTS: <status> OK or ERROR

1.2.3 Attributes

Pin Restricted	Persistent	Sync Mode	Effect Immediately	Time of duration
No	No	No	Yes	Depend on the length of the given string.

⚠️ **Note:**

It takes 2.2 minutes to convert a 512-byte string.

1.2.4 Defined Values

<mode>: Start or stop the TTS process, integer type, range 0,1.

   0: stop play the tts.

   1: start play the tts.

<string>: The character string which is used to converter to Speech,string type.

   Supports both Chinese and English characters.The maximum lengths of this parameter is 512 bytes.

   When the first parameter <set> is 0,<string>should be omitted.

<encode>: If has not this parameter, the Chinese char must transfer to utf-8 encode with lovestring tools

      If has this parameter, we can send Chinese char to AT command

   0   transfer Chinese char is utf-8 encode

   1   transfer Chinese char is gb2312 encode

 <status>: integer type, indicating it is playing or not playing.

      If ERROR is returned, it may be that the function is not implemented.

   0   not playing

   1   playing