



Mobile TD/TTC/LTE

PC Tools for TD/TTC/LTE

UeConsole UserGuide

V1.0

Document Conventions

	Note: Provides related information or information of special importance.
 Caution	Caution: Indicates potential damage to hardware or software, or loss of data.
	Warning: Indicates a risk of personal injury.

Document Status

Doc Status: UE ConSole User Guide	Technical Publication:
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1 Preface

1.1 UeConsole Function

UeConsole include online mode and offline mode:

- 1) UeConsole Online Mode: Send AT Command to UE and display AT message from UE.
- 2) UeConsole Offline : UeConsole can extract AT message from ziplog and then display it.

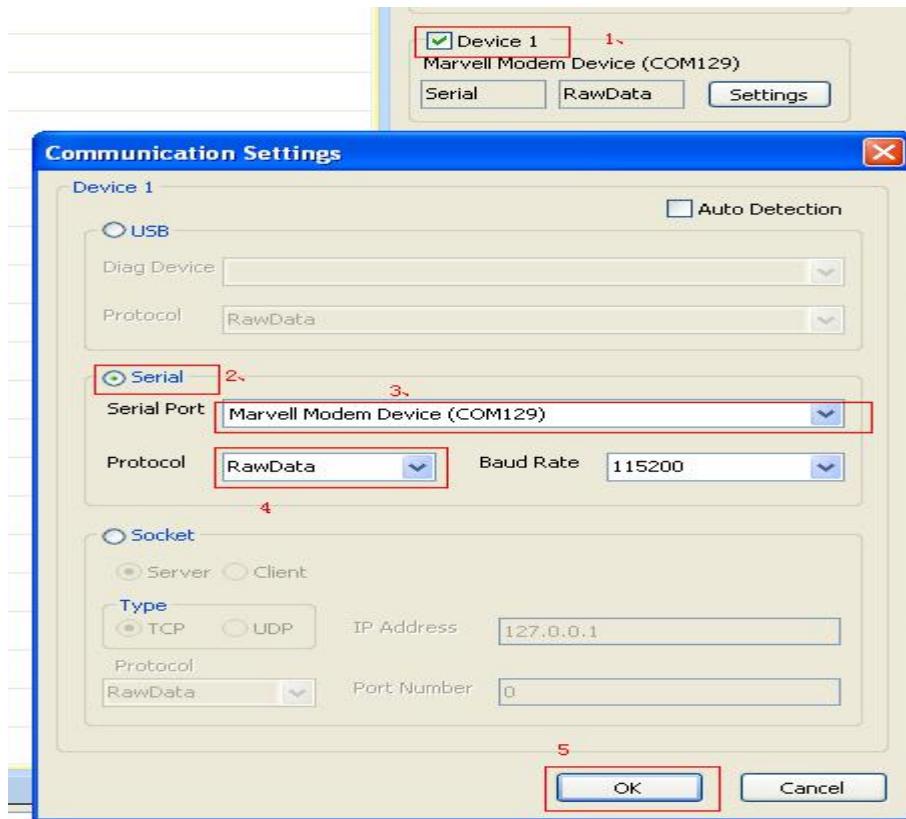
2 Usage

2.1 UeConsole Online

Step1: Connect Com Port in the Device Communication panel ,see the following picture:

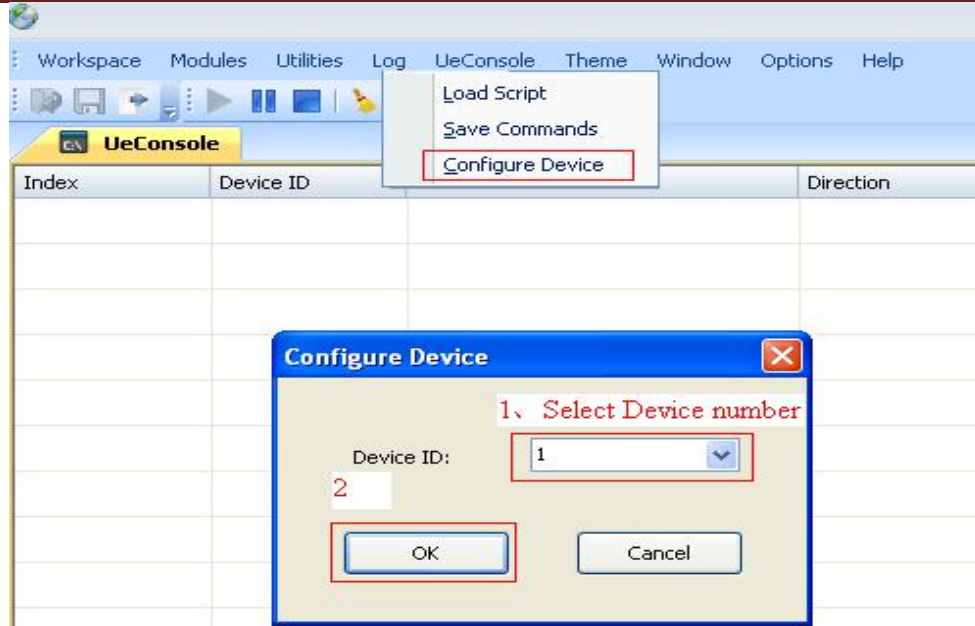
For the detail about Device Communication, please refer to :

[Catstudio Communication Guide enu.pdf](#)



Step2: Select Modules->UeConsole from the top menu bar to activate UeConsole.exe.

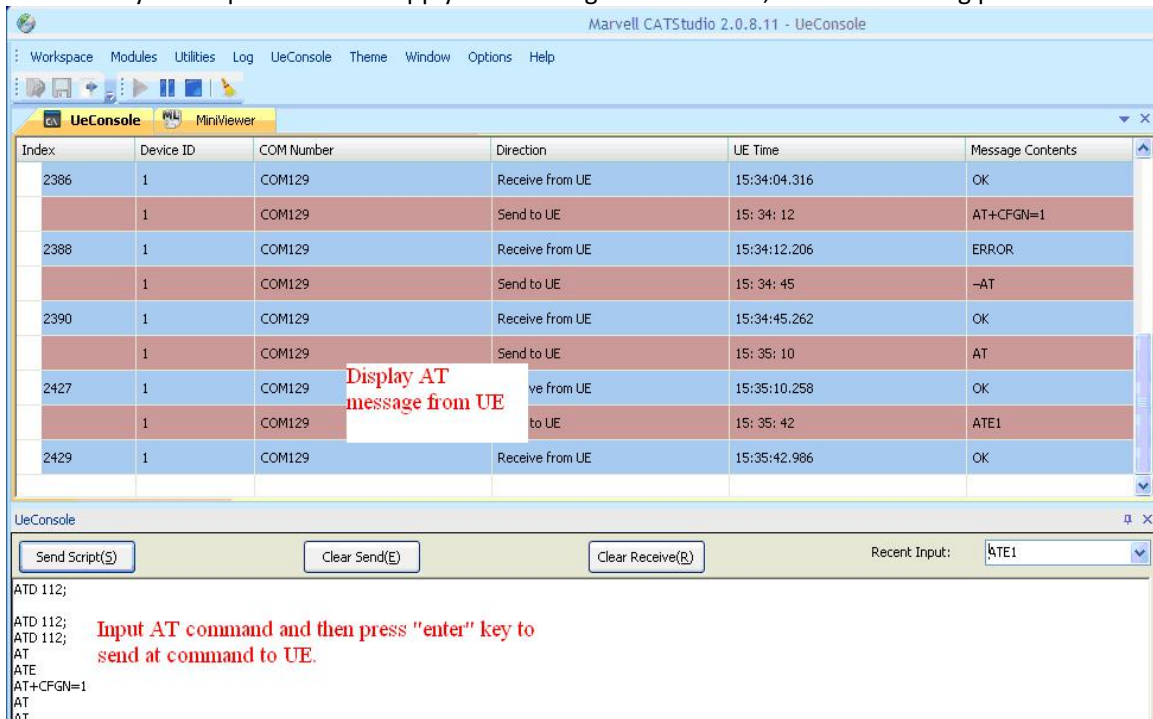
Step3: Select UeConsole-> Configure Device from the top menu bar to set device, see the following picture:



Step4: Send AT Command .

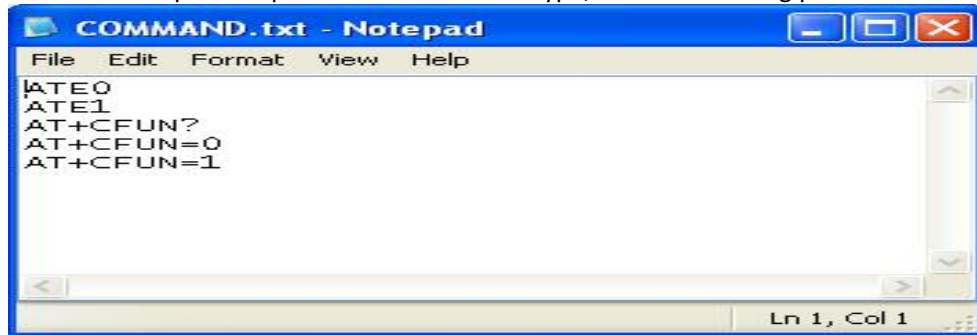
UeConsole supports two ways to send AT Command , those are input in richedit or import script.

1、 The way that input in richedit apply to send single AT Commad, see the following picture:

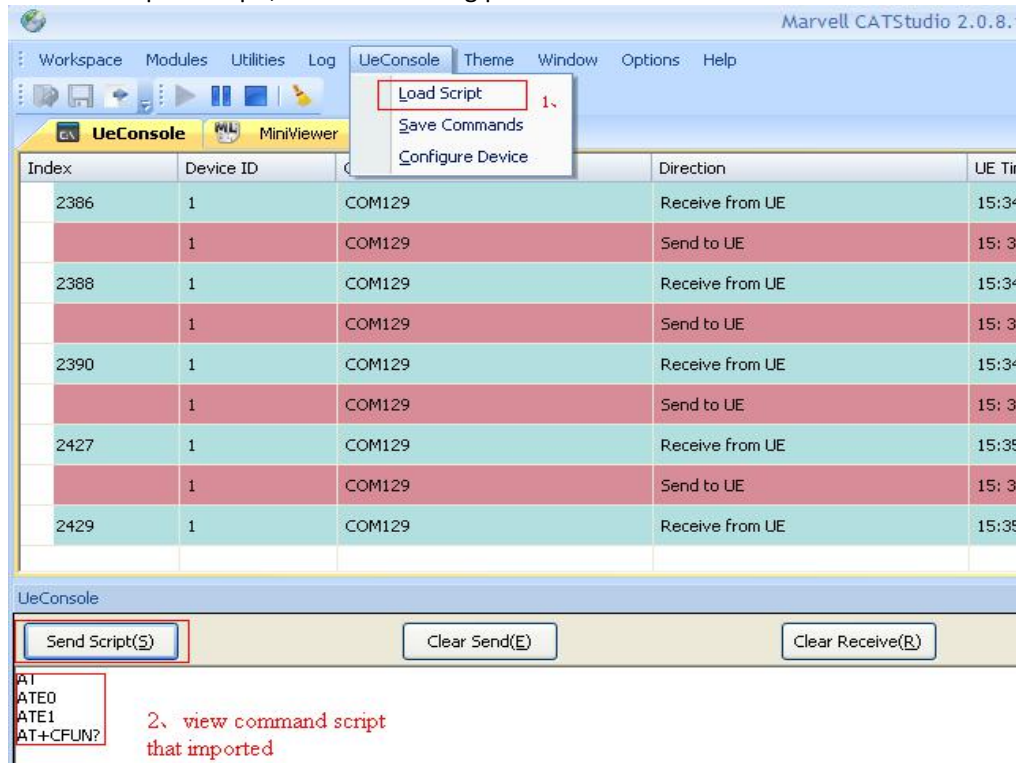


2、 The way that import script apply to send batch command , the perform the following steps:

1) Prepare script and save as .txt type, see the following picture:



2) Import script, see the following picture:

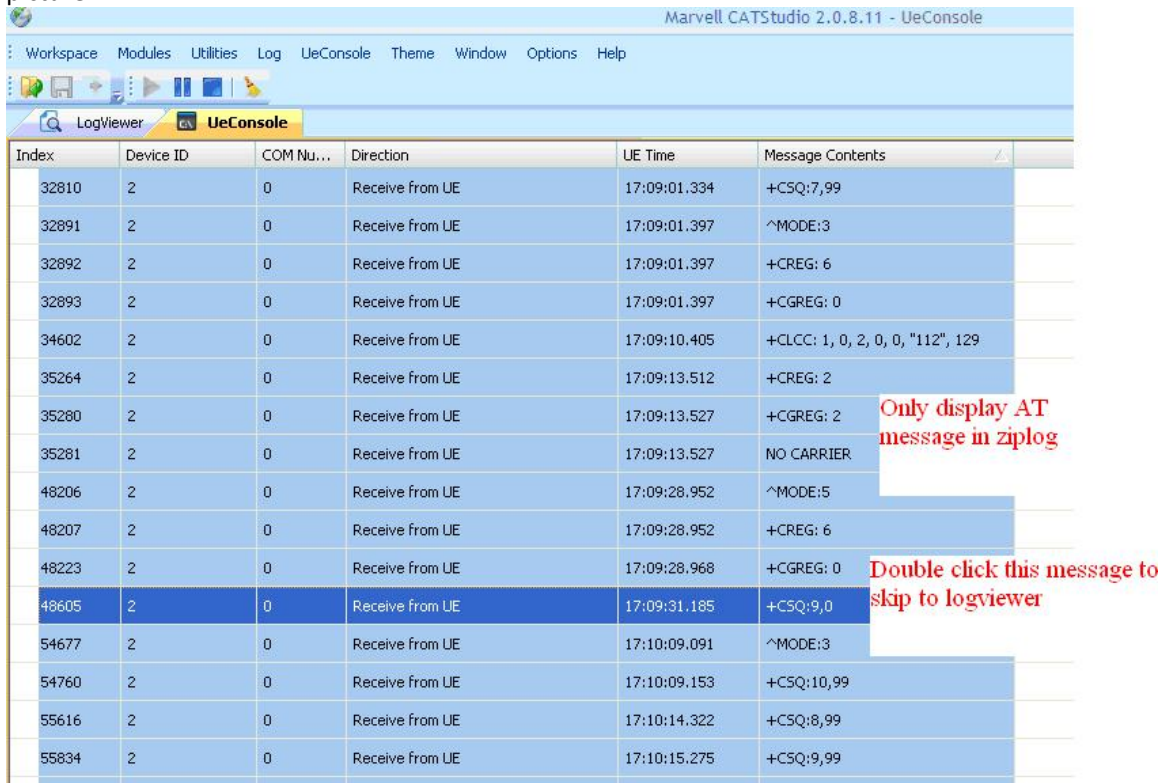


2.2 UeConsole Offline

Step1: Run Catstudio and then select offline mode.

Step2: Select Modules->UeConsole from the top menu bar to activate UeConsole.exe

Step3: UeConsole auto play AT message that filter form ziplog after import log , see the following picture:



Index	Device ID	COM Nu...	Direction	UE Time	Message Contents
32810	2	0	Receive from UE	17:09:01.334	+CSQ:7,99
32891	2	0	Receive from UE	17:09:01.397	^MODE:3
32892	2	0	Receive from UE	17:09:01.397	+CREG: 6
32893	2	0	Receive from UE	17:09:01.397	+CGREG: 0
34602	2	0	Receive from UE	17:09:10.405	+CLCC: 1, 0, 2, 0, 0, "112", 129
35264	2	0	Receive from UE	17:09:13.512	+CREG: 2
35280	2	0	Receive from UE	17:09:13.527	+CGREG: 2
35281	2	0	Receive from UE	17:09:13.527	NO CARRIER
48206	2	0	Receive from UE	17:09:28.952	^MODE:5
48207	2	0	Receive from UE	17:09:28.952	+CREG: 6
48223	2	0	Receive from UE	17:09:28.968	+CGREG: 0
48605	2	0	Receive from UE	17:09:31.185	+CSQ:9,0
54677	2	0	Receive from UE	17:10:09.091	^MODE:3
54760	2	0	Receive from UE	17:10:09.153	+CSQ:10,99
55616	2	0	Receive from UE	17:10:14.322	+CSQ:8,99
55834	2	0	Receive from UE	17:10:15.275	+CSQ:9,99

3 Appendix

3.1 Report issues

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Or please send email to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

3.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

3.3 Revision History

Rev	Description	Date
1.00	Initial version	2012-04-11
1.01	Commit to SVN.	2012-04-19