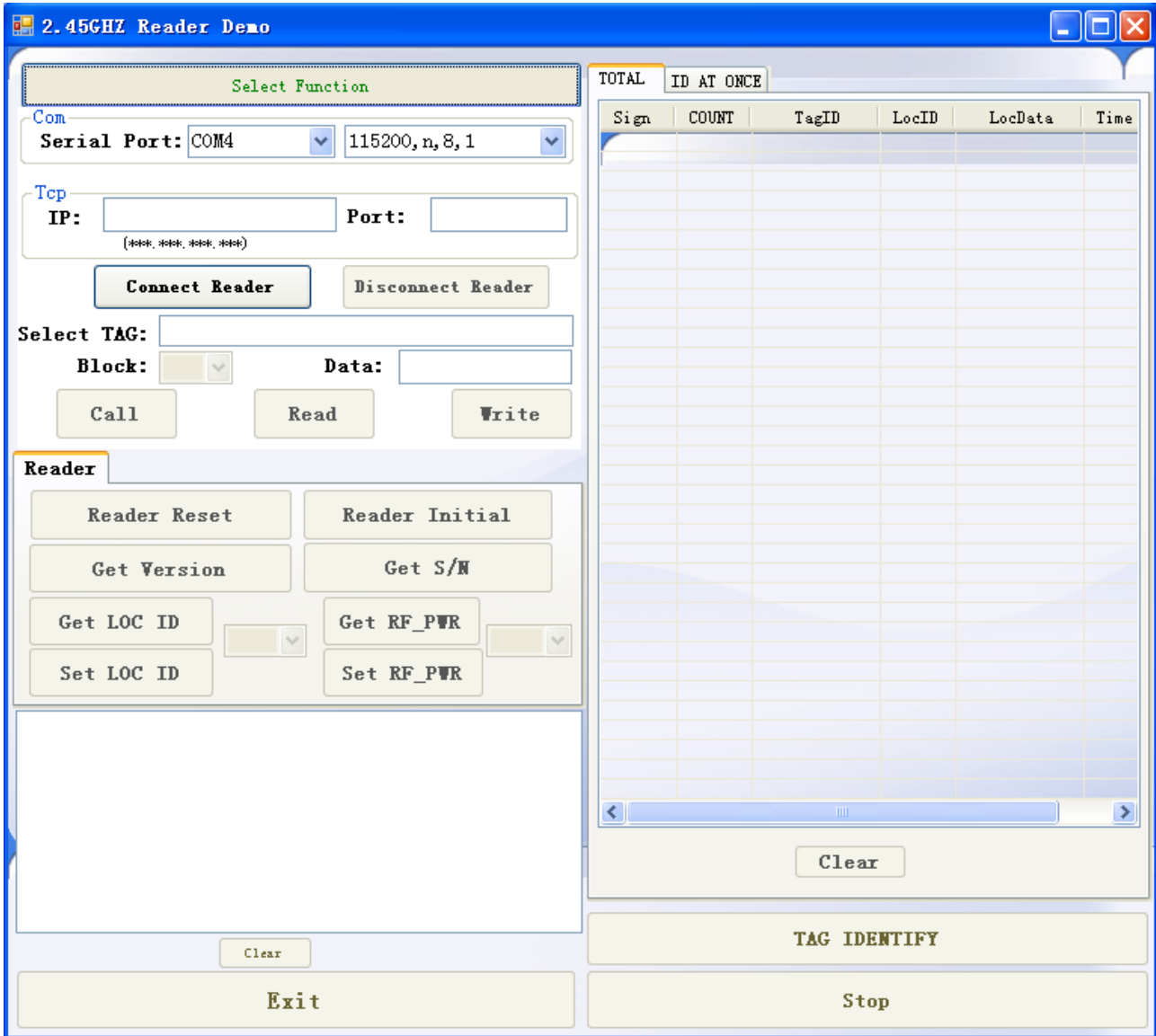


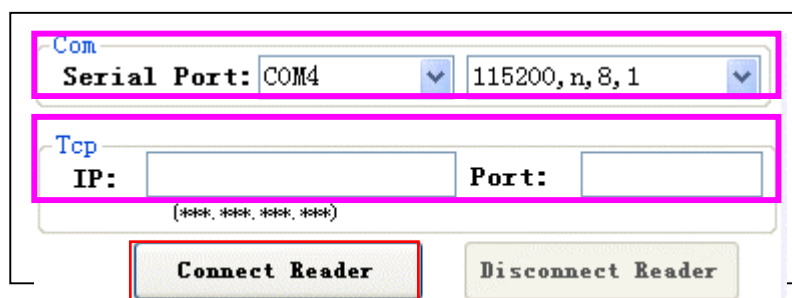
**2.45G-AT-R (Read only version)**  
**2.45G-AT-RW (R/W version)**  
**2.45G active RFID Active reader / writer**  
**Demo Program user guide**



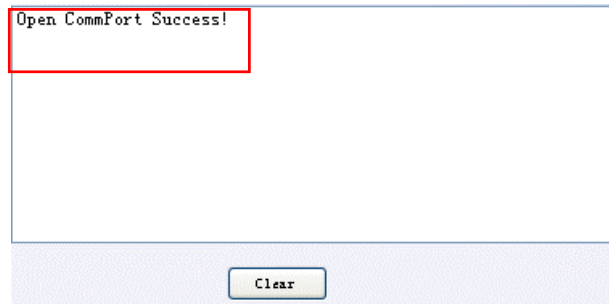
Demo program menu

**Connect Reader**

The reader is connected to your computer correctly. Then run the demo software which can support COM ports and TCP / IP interface . If connect with COM port . select the serial port and baud rate. If connect with RJ45. Please fill in IP address and Port#



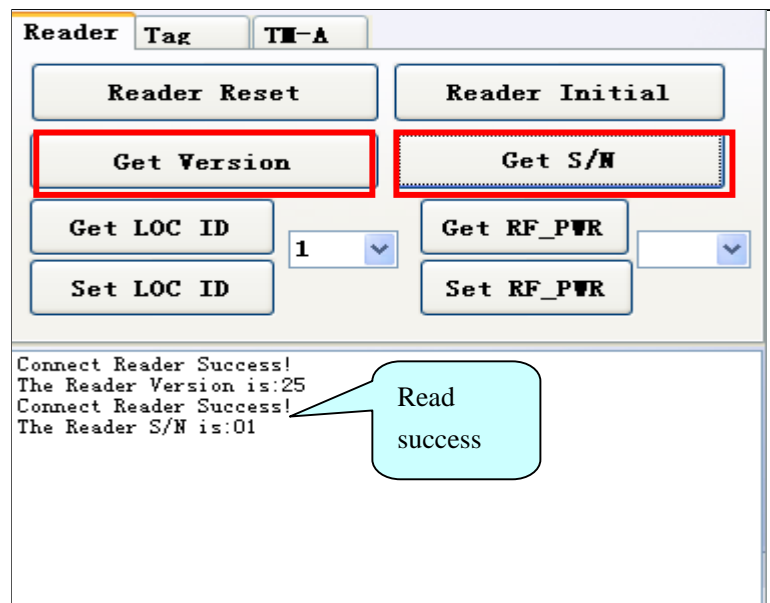
click "Connect Reader" button. If success , below screen will be shown .



### Read reader's version number and Serial number

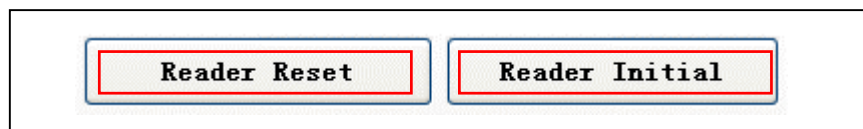
Click "Get Version" to get reader version then click "Get Loc ID" .

click "Get S/N" to get serial No



### Reader reset and Initialization

Reset reader - click "Reader Reset" button. Initialize reader - click "Reader Initial" button.



### Read locator ID and Power

Read locator ID please click "Get Loc ID" button.get reader current power click "Get RF\_PWR" button: If success it will show outcome in the specified bar

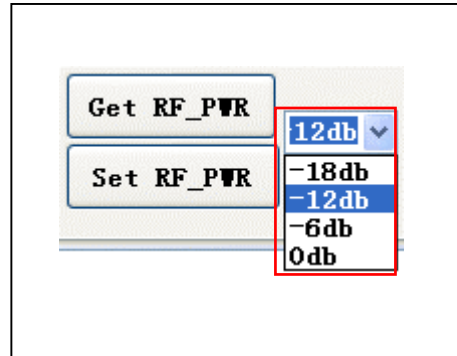
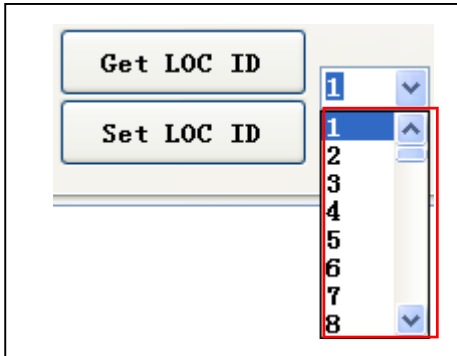
## Set and Get locator ID and Power

Select Locator ID from the menu . click "Set LOC ID" to set ID .

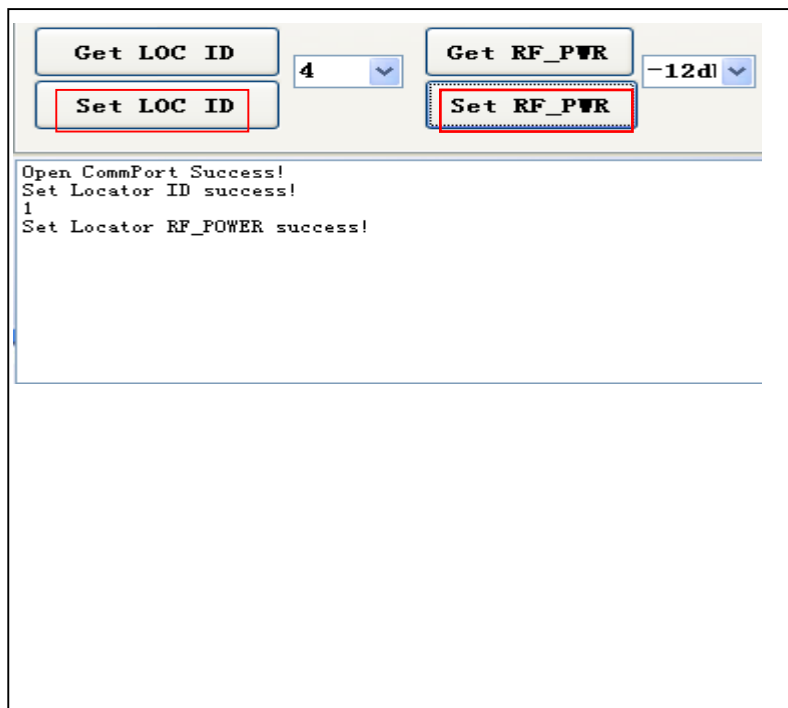
click "Get LOC ID" to get ID#.

Select RF power from the menu . click "Set RF\_PWR" to set power level.

click the "Get RF\_PWR" to get power level .



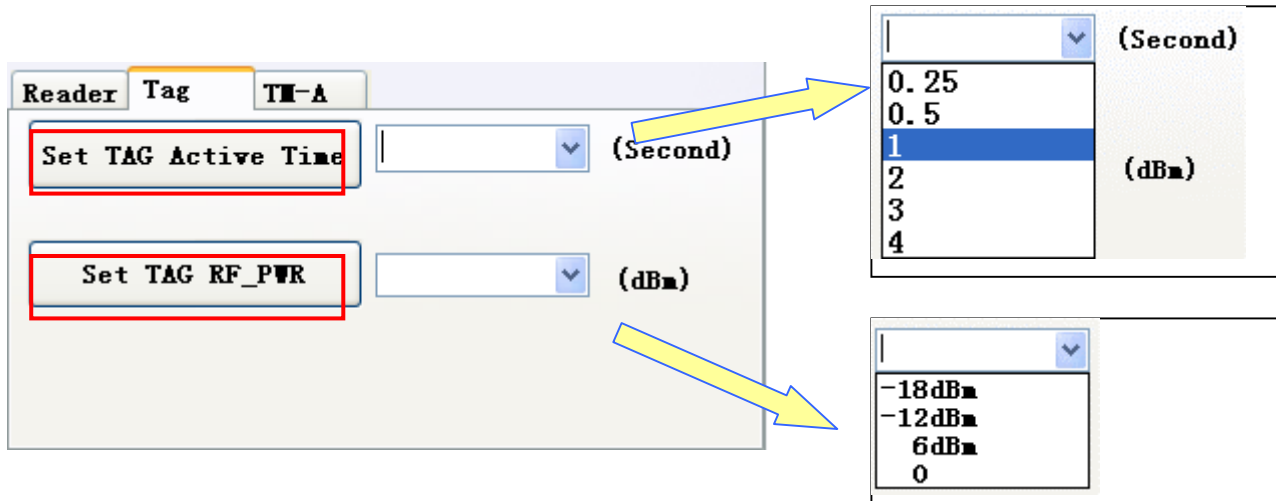
If set success. it will show below:



## Set Tag sending time and power

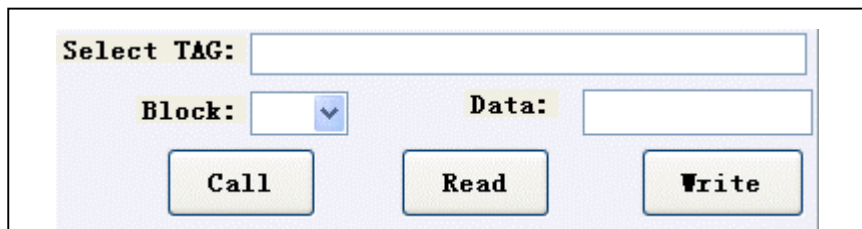
click "Set TAG Active Time" to select and set the time

click "Set TAG RF\_PWR" to select and set the power value



## Tag operation

Operation menu as below:



Remarks : before run READ.WRITE.CALL function .must input the tag ID # in "Select TAG" bar

**Call:**in "Select TAG" bar input this tag ID number.then click "Call" button to call mode.

When tag receive this call signal. tag LED start to flash until stop call.



**Read Data:** single tag read specified data . in "Select TAG" bar input this tag ID number.in Block bar select the read start address.then click "Reader" button to read tag data.default read data is 4 byte

**Write data (For R/W model only) :**

input Tag ID in "Select TAG" bar. Input Block address in " Block" bar  
Input data (max. 4 byte) in "Data" Bar. Then click"Write"button to write data.

**Multi tag Read**

After Reader correct connection.click "TAG IDENTIFY" button.This enable reader read all tags within the reading range.read the data including Tag ID. Locator ID. Locator's data. click"Stop"button to stop . click"Clear"button to clear tag information

TOTAL	ID AT ONCE	Sign	COUNT	TagID	LocID	LocData	Ti
ID:	1	00 00 04	02	DA	34 2A 26	00	9:..
ID:	3	00 00 03	F1	EC	34 2A 26	00	9:..
ID:	4	00 00 01	71	6E	34 2A 26	00	9:..
ID:	5	00 00 03	E2	FB	34 2A 26	00	9:..
ID:	6	00 00 03	3A	A3	34 2A 26	00	9:..
ID:	7	00 00 03	F3	EA	34 2A 26	00	9:..
ID:	8	00 00 03	FE	DF	34 2A 26	00	9:..
ID:	9	00 00 03	5B	82	34 2A 26	00	9:..
ID:	10	00 00 04	01	DB	34 2A 26	00	9:..
ID:	11	00 00 04	13	C9	34 2A 26	00	9:..
ID:	12	00 00 03	E0	FB	34 2A 26	00	9:..
ID:	13	00 00 04	29	B3	34 2A 26	00	9:..
ID:	14	00 00 03	BA	23	34 2A 26	00	9:..
ID:	15	00 00 03	2A	B3	34 2A 26	00	9:..
ID:	16	00 00 03	6E	6F	34 2A 26	00	9:..
ID:	17	00 00 03	5C	81	34 2A 26	00	9:..
ID:	18	00 00 04	3D	9F	34 2A 26	00	9:..
ID:	19	00 00 03	F8	E5	34 2A 26	00	9:..
ID:	20	00 00 03	F0	ED	34 2A 26	00	9:..
ID:	21	00 00 03	3F	9E	34 2A 26	00	9:..
ID:	22	00 00 03	EF	EE	34 2A 26	00	9:..
ID:	23	00 00 04	27	B5	34 2A 26	00	9:..
ID:	24	00 00 03	B0	2D	34 2A 26	00	9:..
ID:	25	00 00 03	51	8C	34 2A 26	00	9:..
ID:	26	00 00 04	10	CC	34 2A 26	00	9:..
ID:	27	00 00 03	DD	00	34 2A 26	00	9:..
ID:	28	00 00 03	01	DC	34 2A 26	00	9:..
ID:	29	00 00 04	00	DC	34 2A 26	00	9:..
ID:	30	00 00 03	E8	F5	34 2A 26	00	9:..
ID:	31	00 00 03	27	B6	34 2A 26	00	9:..
ID:	32	00 00 03	F6	E7	34 2A 26	00	9:..
ID:	33	00 00 03	E4	F9	34 2A 26	00	9:..
ID:	34	00 00 03	F4	E9	34 2A 26	00	9:..

TOTAL	ID AT ONCE	Sign	COUNT	TagID	LocID	LocData	Ti
ID:	1	00 00 04	02	DA	34 2A 26	00	9:..
ID:	2	00 00 03	E0	FD	34 2A 26	00	9:..
ID:	3	00 00 04	29	B3	34 2A 26	00	9:..
ID:	4	00 00 03	BA	23	34 2A 26	00	9:..
ID:	5	00 00 03	2A	B3	34 2A 26	00	9:..
ID:	6	00 00 03	6E	6F	34 2A 26	00	9:..
ID:	7	00 00 03	5C	81	34 2A 26	00	9:..
ID:	8	00 00 04	3D	9F	34 2A 26	00	9:..
ID:	9	00 00 03	F8	E5	34 2A 26	00	9:..
ID:	10	00 00 03	F0	ED	34 2A 26	00	9:..
ID:	1	00 00 04	13	C9	34 2A 26	00	9:..
ID:	2	00 00 03	E0	FD	34 2A 26	00	9:..
ID:	3	00 00 04	29	B3	34 2A 26	00	9:..
ID:	4	00 00 03	BA	23	34 2A 26	00	9:..
ID:	5	00 00 03	2A	B3	34 2A 26	00	9:..
ID:	6	00 00 03	6E	6F	34 2A 26	00	9:..
ID:	7	00 00 03	5C	81	34 2A 26	00	9:..
ID:	8	00 00 04	3D	9F	34 2A 26	00	9:..
ID:	9	00 00 03	F8	E5	34 2A 26	00	9:..
ID:	10	00 00 03	F0	ED	34 2A 26	00	9:..
ID:	1	00 00 03	3F	9E	34 2A 26	00	9:..
ID:	2	00 00 03	EF	EE	34 2A 26	00	9:..
ID:	3	00 00 04	27	B5	34 2A 26	00	9:..
ID:	4	00 00 03	B0	2D	34 2A 26	00	9:..
ID:	5	00 00 03	51	8C	34 2A 26	00	9:..
ID:	6	00 00 04	10	CC	34 2A 26	00	9:..
ID:	7	00 00 03	DD	00	34 2A 26	00	9:..
ID:	8	00 00 03	01	DC	34 2A 26	00	9:..
ID:	9	00 00 04	00	DC	34 2A 26	00	9:..
ID:	10	00 00 03	E8	F5	34 2A 26	00	9:..