

Setting Answer Mode for DL6940

Why “Answer Mode”?

Under the answer mode, the reader is controlled by the PC, just like if you want to read the tag in the page of “EPC C1-G2 Test” or “18000-6B Test”

Ps: By the answer mode, the reading performance of “anti-collision” will be better.

Step 1:

Open the com port.

The screenshot displays the 'Reader Parameter' configuration window for the DL6940 device. The 'Communication' tab is active, showing options for COM and TCP/IP. The 'COM' option is selected, and the 'COM Port' is set to 'AUTO'. The 'Reader Address' is set to 'FF'. The 'Open Com Port' button is highlighted with a red circle. The 'Baud' rate is set to '57600bps'. The 'Opened COM Port' dropdown is empty. The 'Close Com Port' button is visible. The 'TCP/IP' section shows 'Port: 27011' and 'IP: 192.168.0.250'. The 'Reader Address' is set to 'FF'. The 'OpenNetPort' and 'CloseNetPort' buttons are visible. The 'Real Time Clock Setting' section shows 'Year: 20', 'Month: 01', 'Day: 01', 'Hour: 00', 'Min: 00', 'Sec: 00'. The 'Set Clock' button is visible. The 'Query Clock' button is visible. The 'Set Notification Pulse Output' section shows 'OUT1', 'OUT2', 'OUT3', 'OUT4' buttons. The 'Beep Operation' section shows 'On' and 'Off' buttons. The 'COM Clc' button is visible at the bottom right.

Step 2:

In the page of “Auto_running Mode” Please choose Answer Mode from the “Work Mode” and click “Set” to confirm the setting.

DL6940 Demo Software V1.4

Reader Parameter **Auto_running Mode** EPCC1-G2 Test 18000-6B Test Frequency Analysis TCP/IP Config

EAS Sensitivity
☒ Relay release 3s when detected EAS
☐ None
EAS Accuracy: 8 Set

Mask Setting
☒ EPC ☐ TID ☐ User
Mask Start bit address(Hex): 0000 Mask Bit Length(Hex): 00
Mask Data(Hex): 00 Set

Response conditions Setting
RepCondition: Timer notify
RepPauseTime: 0 *1s Set

Query Tag Type
Protocol
☒ EPCC1-G2 ☐ 18000-6B
☐ Query G2 Tag ☐ Detect EAS before query G2 tag ☐ Detect EAS
☒ Query G2 Tag's TID ☐ Detect EAS before query G2 tag's TID Set

Set Trigger-Time
Trigger Time: 0 *1s Set

TID Parameter Setting
Start Address: 02 Data-word-num: 04 Set

Inventory Interval
Pulse Time: 10ms Set

Work Mode
Mode Select: Answer Mode Set

Reader storage blocks Tag information

NO.	EPC	Last read tag time	ANT	Times

Get Tag Buffer Info Clear Tag Buffer

Read Auto_running Mode Data

Get Clear

COM Clc

Step 3:

Change the page to be “EPCC1-G2 Test”, click the “Query Tag” to read the tags.

Ps: All the function to process the EPC Gen2 tags have been listed in this page, please learn this page carefully, for details please check “DL6940 Demo Software User's Guide v1.4”

