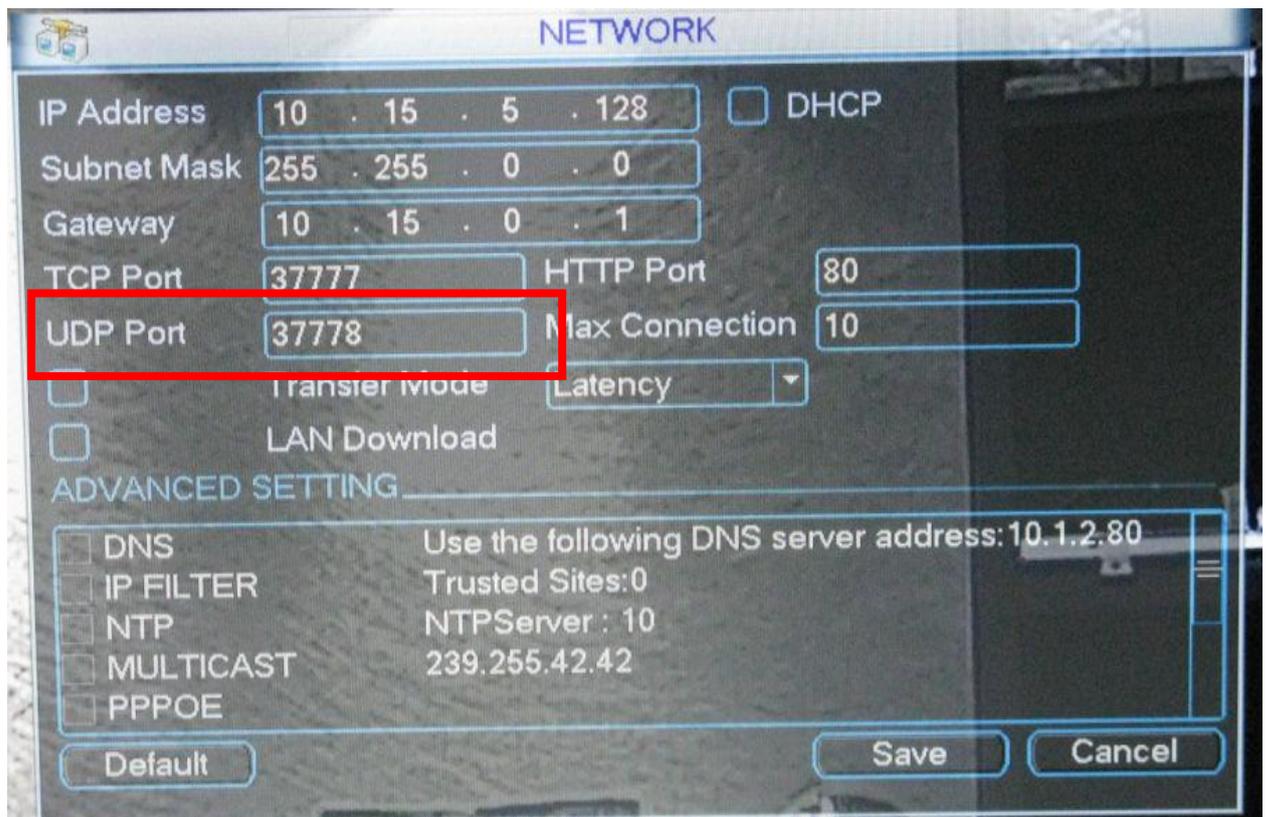
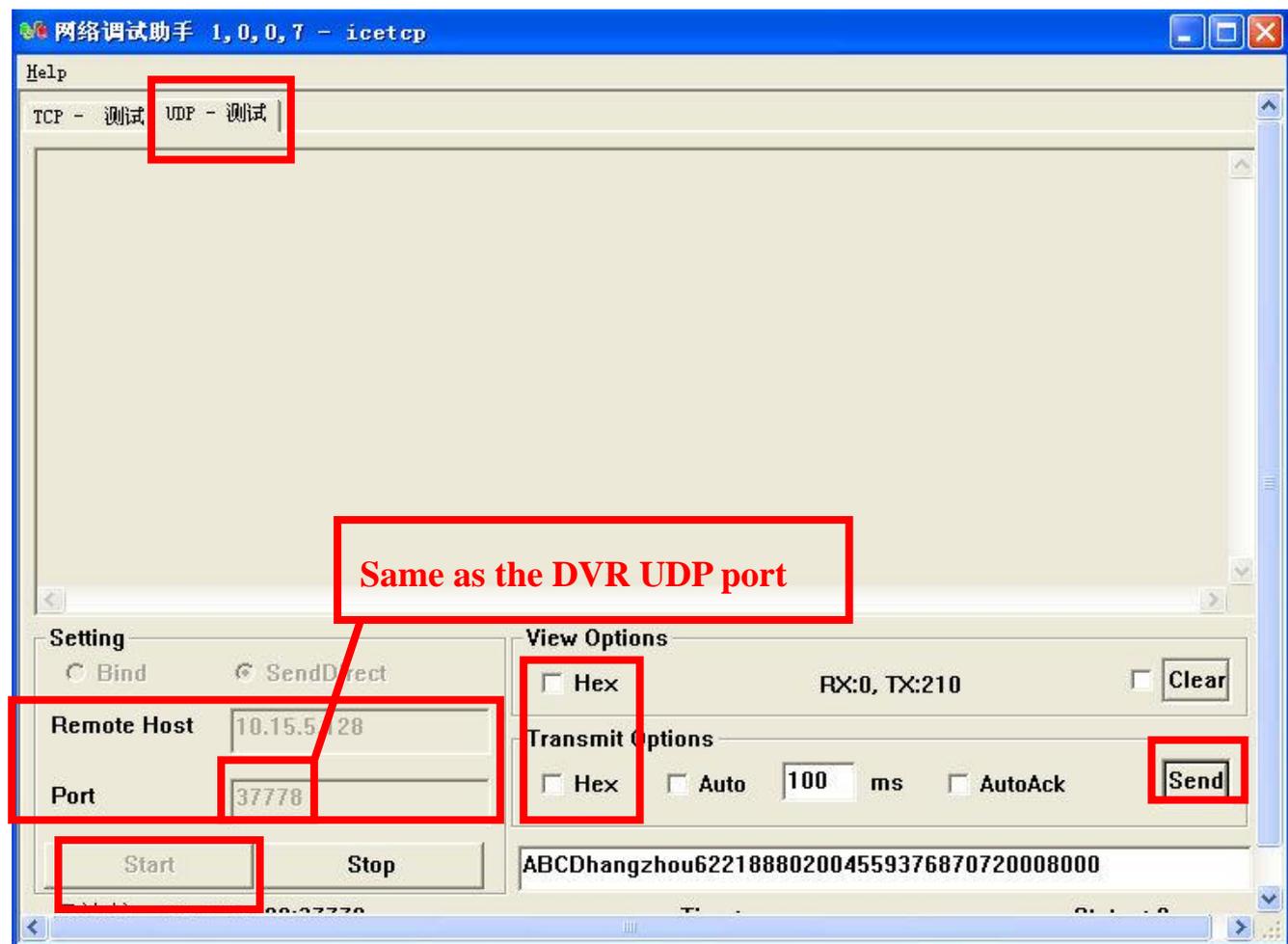


This is an instruction for guiding you how to use ATM/POS function with our N5 series DVR. Here we use a network debugging assistant to take place of ATM/POS's function to send data toward UDP protocol. DVR need to be upgraded by a special edition that can provide ATM/POS function. Here we choose channel 2 for the data to be added on.

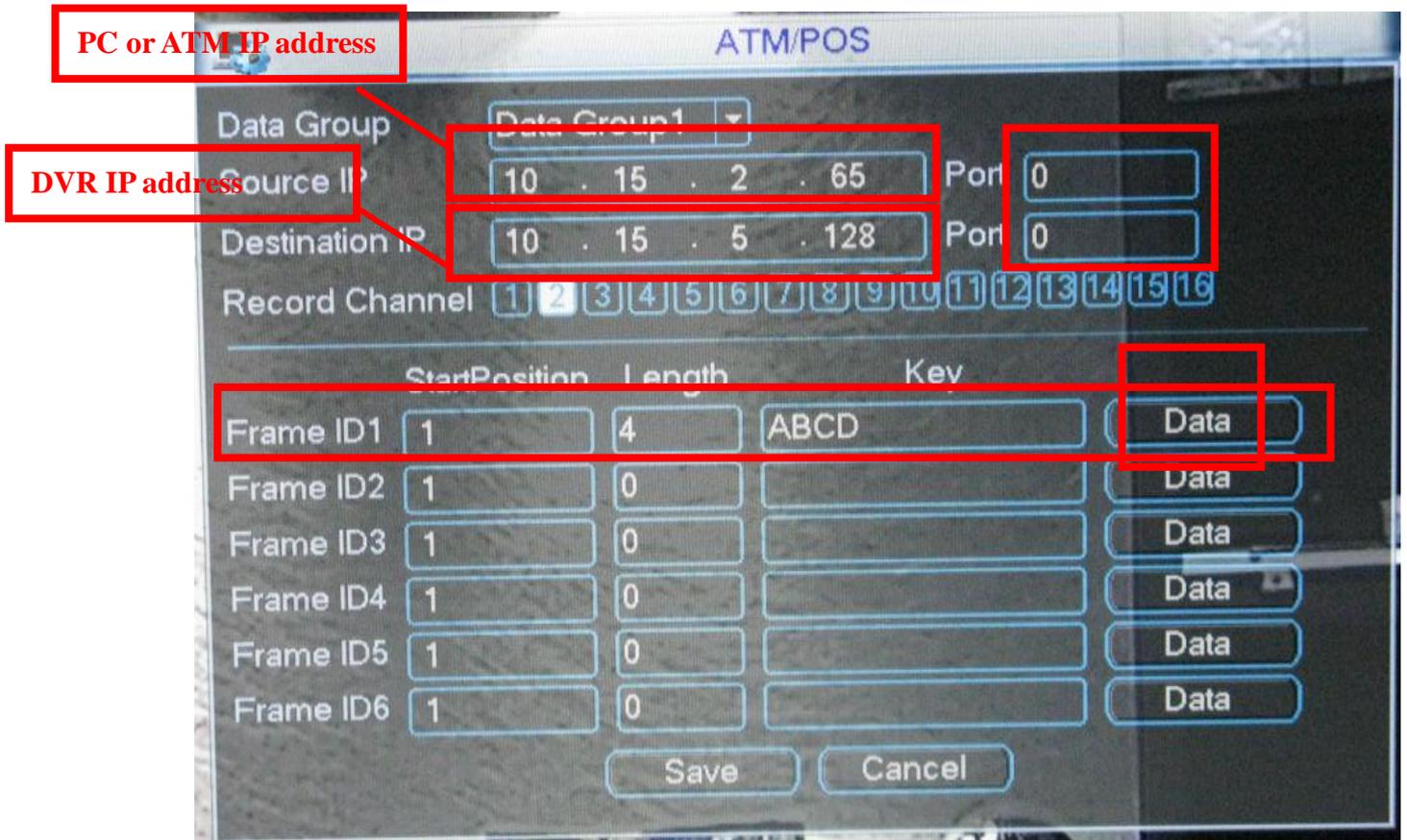
Set network menu correctly and remember the UDP port is 37778. The UDP port can be changed, but once you changed it, the following UDP port number must be match up with the first one which you set here.



At the PC end, we will provide a network debugging assistant for you to send data through UDP protocol, you can set like below:

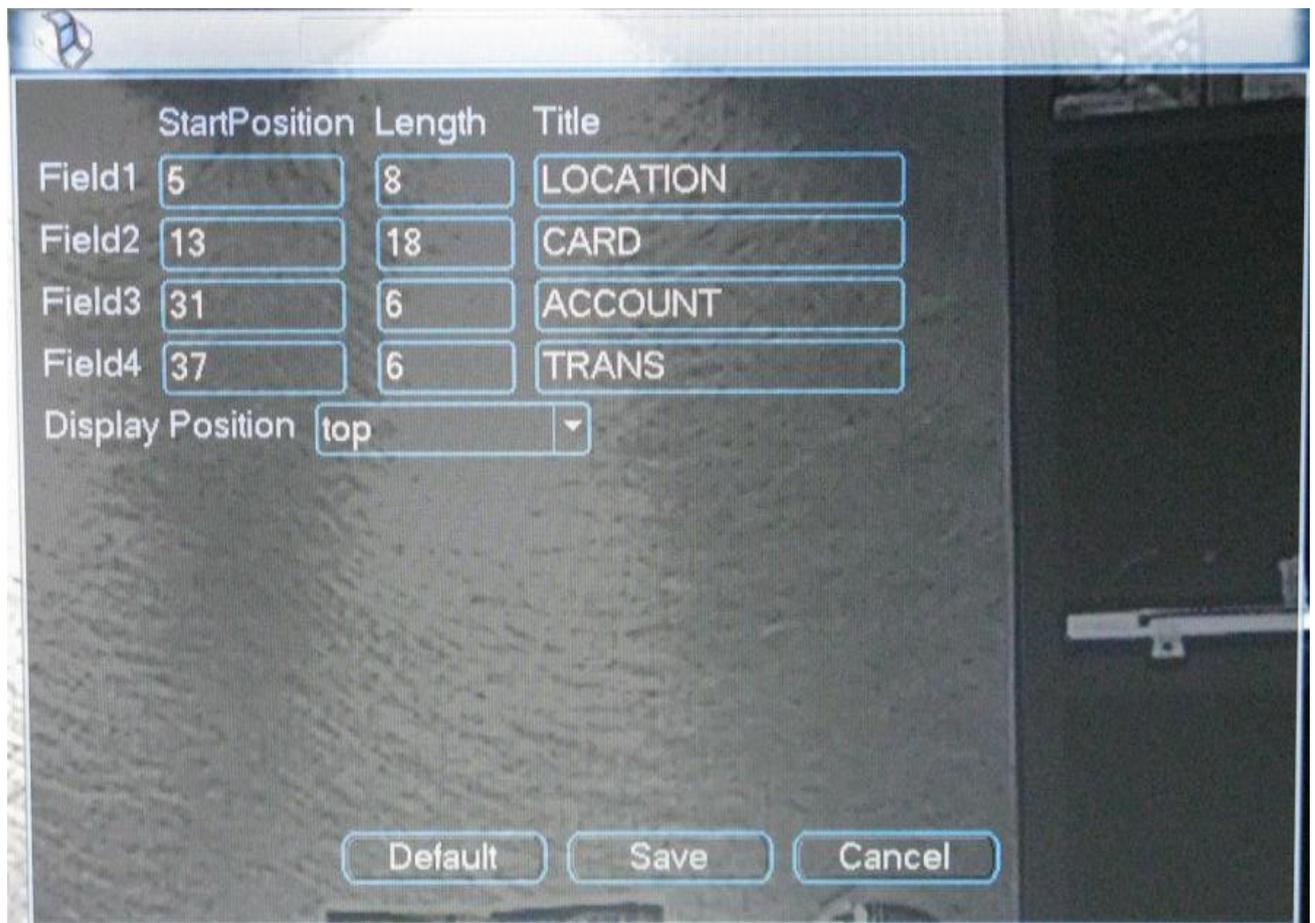


Select **UDP-test**, The remote host is DVR's IP address, port should be **37778** which is according to what you set in the DVR end. Click **Start** and input what you want to send then click **Send**. Do not choose **Hex** format to transmit.



Source IP is PC's or ATM's IP address, Destination IP address is DVR's IP address. Their port numbers should be 0 for both of them. If the send data is **ABCD*******. Then Frame ID1 can set like this to extract the send data **ABCD*******.

Then click **Data** to set the specific data that you want to get and put on the DVR channels. What you input here must match up with the data that you send from the PC or ATM. And if you set parameters like below, you need to set the data like **ABCDhangzhou622188802004559376870720008000**. The title can set as what you want. Taking **LOCATION** as an example: it indicates that from the start position 5 to 13 is the detail for **LOCATION**.



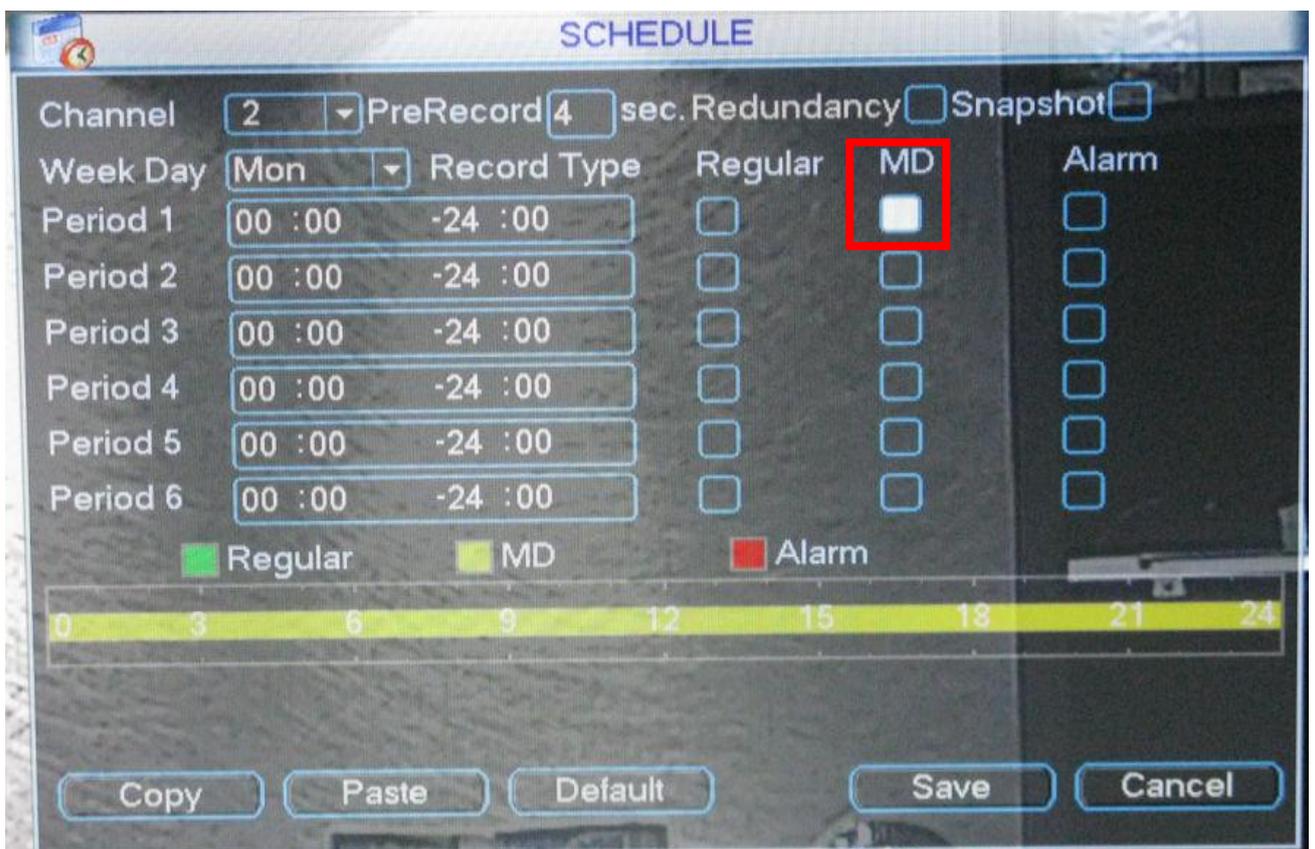
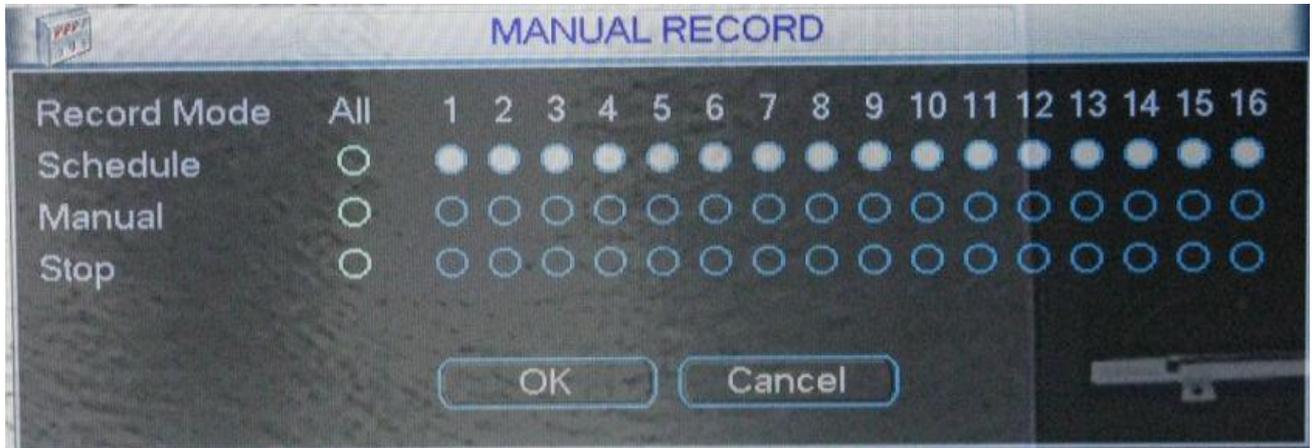
The screenshot shows a configuration window with a table of fields and a dropdown menu. The table has columns for Field, StartPosition, Length, and Title. The fields are: Field1 (5, 8, LOCATION), Field2 (13, 18, CARD), Field3 (31, 6, ACCOUNT), and Field4 (37, 6, TRANS). Below the table is a 'Display Position' dropdown menu set to 'top'. At the bottom are 'Default', 'Save', and 'Cancel' buttons.

	StartPosition	Length	Title
Field1	5	8	LOCATION
Field2	13	18	CARD
Field3	31	6	ACCOUNT
Field4	37	6	TRANS

Display Position: top

Default Save Cancel

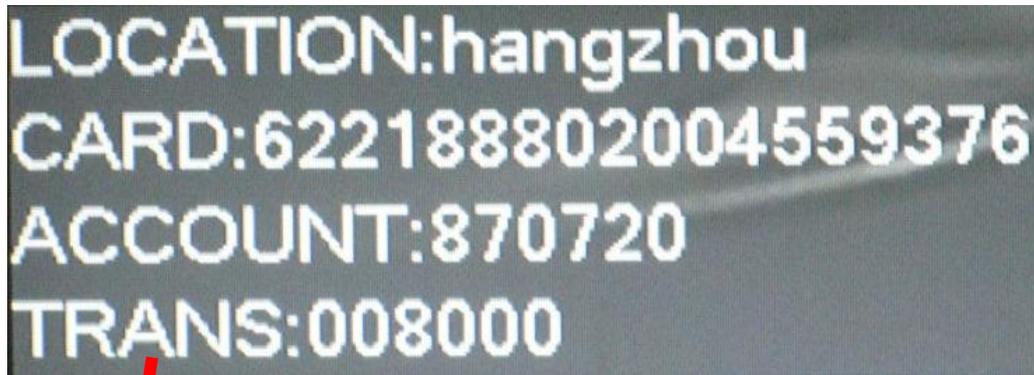
If you want to start record some specific channels when DVR receive ATM data you need to set like below, and also make sure not choose to start record when other alarm or detect happens:



Then you can search by **Card** in the **search menu**, and you will see like below:



If you click **Send** in the network debugging assistant you can successfully see the result like below:



LOCATION:hangzhou
CARD:622188802004559376
ACCOUNT:870720
TRANS:008000



If you have more questions, please feel free to contact our engineers.

you can send email to zhou_shuibing@dahuatech.com for more information .