

Template:FM36 Read records

When the FM36YX is working in offline mode, it can save up to 3854 records. Since these records are not sent to the server, they can be downloaded directly to connected computer using USB connection. When you connect FM36YX device, FM36YX Configurator appears with additional option "Read Records"

The screenshot shows the FM36YX Configurator software interface. The menu bar includes 'File', 'Device', and 'Help'. Below the menu bar, there are several buttons: 'Disconnect', 'Load', 'Save', 'Load Defaults', 'Save to File...', 'Load from File...', 'Reset device', 'Add Keyword', and 'Read Records' (which is highlighted with a blue box). Below the buttons, there are input fields for 'IMEI', 'Version', and 'Source File'. Below these fields, there is a section titled 'Recommended Configuration'. On the right side of the interface, there is a table with the following rows:

APN:	<input type="text"/>
APN user name:	<input type="text"/>
APN password:	<input type="text"/>
Domain:	<input type="text"/>
Target Server Port:	<input type="text" value="0"/>

Below the table, there is a section titled 'makes a record if' with four icons and their corresponding conditions:

- Vehicle turns 10 degrees (Icon: A car turning 10 degrees)
- Vehicle drives 100 meters since last record (Icon: A car driving 100 meters)
- 300 seconds passes while vehicle is moving (Icon: A clock showing 300 seconds)
- 1 hour passes while vehicle is stationary and ignition is off (Icon: A car parked with a 'P' sign)

After device is switched on, you have to wait 3 minutes for device to startup. Only then it is possible to download records. If the memory is fully filled, the records reading may take several minutes. After reading records, all records are deleted from the device memory. Data records are stored in a binary file on your PC. You can upload these records from file to TAVL server and access all the data from TAVL. TAVL client application lets user to use the following features:

- Import data file saved from the device to the TAVL;
- Preview track of the imported data;
- Generate reports of the imported data.

More details on how to use TAVL application please refer to "TAVL Manual" documentation or its later versions. It can be configured to acquire and send data to server. It will be possible to store up to 3854 data records if GSM is not available at the moment. It will send data later when GPRS is available again. Note that FM36YX can have memory full of records. In such a case it will start deleting oldest records in order to save new ones. Sending all the data records to server may take some time. Sending 3854 records for FM36YX may take for about 5 hour (exact time may differ

depending on GPRS/server load).