

HOW TO SET UP 6210M WIRELESS CAMERA

--- What do I need?

- A Pre-Paid GSM sim card
- A SD card
- 12 AA batteries

--- What kind of sim card do I need and where to get it?

6210M wireless cameras need a network using GSM/GPRS technology. AT&T and T-mobile are the only two national carriers providing GSM/GPRS network coverage. Verizon, Sprint and all other carriers don't work with the camera.

Go to the local AT&T or T-Mobile store (not a dealer or a third-party store such as Best Buy), and ask for a **PREPAID** sim card. Don't buy a GoPhone with a sim card because the sim card is locked and only works on that particular GoPhone. No data plan or contract is needed for the sim card to work with our MMS camera. You only need to add a text package to the sim card. AT&T offers three text packages you can choose: \$5 for 200 texts, \$10 for 1000 texts, or \$20 for unlimited texts. T-Mobile has similar options. You can refill the account balance every 30 days to renew the service.

--- How to set up the camera?

There are two ways to set up the camera – either use the keypad on the camera to manually enter all settings, or run the enclosed setup CD to configure the camera by following the steps below.

1. Put the SD card in the camera → Switch to **TEST** mode → Press **MENU** → Go to **Format** to format the SD card.
2. Turn off the camera → Pull out the SD card and insert it in the computer.
3. Put the enclosed setup CD in the computer. * Open the MMS folder, run the Setup.exe file.

*The CD doesn't work under Mac system.

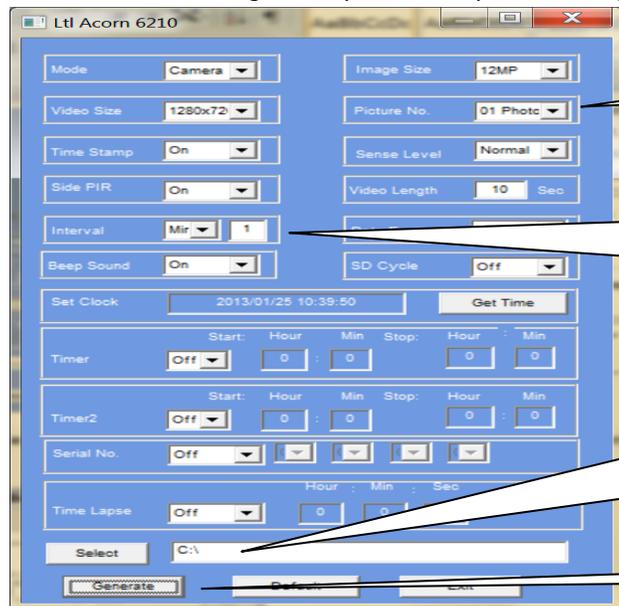
*If your PC doesn't read the CD, or you can't open the Setup software, go to Downloads under Customer Service at oldboysoutdoors.com, click on Ltl-6210M MMS Wireless Setup Program to download the setup.exe file.

*On the CD there are three other files. They are bonus programs that help you manage pictures, not required to set up and run the camera though.

- *AviToJpg.exe* – capture frames from avi video to convert to JPEG images.
- *ScoutingAssistantSetup.exe* – manage pictures under time lapse mode.
- *Scouting_Assistant_Ltl_Acorn_TimeLapse_License.txt* – register Scouting Assistant.

4. On the Main Menu, choose Ltl-6210M from Camera Model list, click "Camera Setup".

Leave all default settings as they are now – you can change them later. Click "Select".



You can set 1, 2, or 3 pictures per trigger. But camera only and always sends first one. It will not send video.

It takes about one minute, more or less dependent on the network, for the camera to take a picture, write it on the SD card, and transmit it over the network. So we highly suggest you set the Interval at least one minute or longer.

Click "Select" and choose the drive where the SD card (removable disk) resides from the prompt window. Click OK. Now the drive changes from C:\ to the appropriate one.

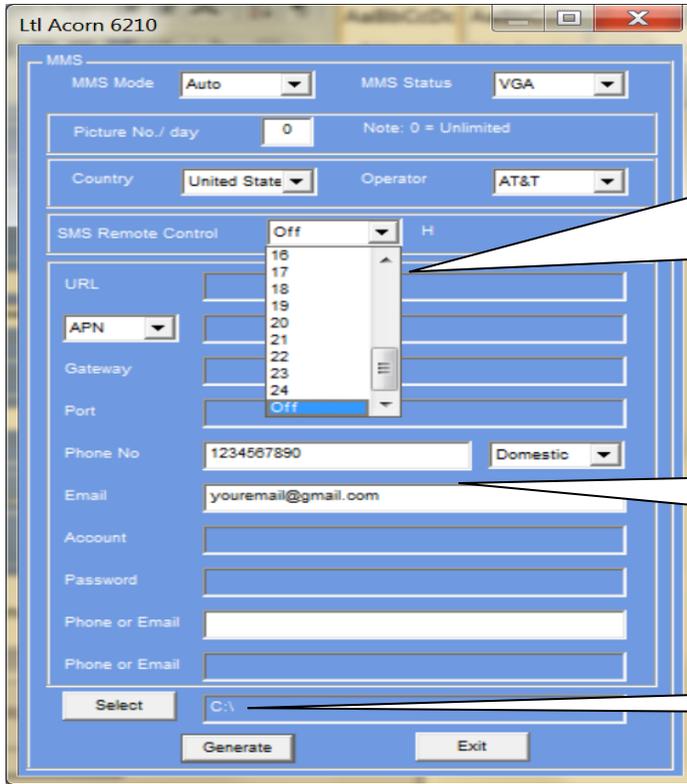
Click "Generate"

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A pop-up window indicates the configuration is successful. Click OK.

5. On the Camera Setup window, click "Exit" to the main menu. Click "MMS Setup".

On the MMS Setup window, choose "United States" from the drop-down list of Country. Then choose the operator from the Operators' list.



To text commands to the camera, you define the time interval when the camera will power on to receive SMS messages. E.g. "00" indicates every 10 min. "1" indicates every one hour and "24" every 24 hours. More frequently the camera powers up, more battery power is consumed, and the entire battery life is shortened. (See Note 3 below)

Enter 10-digit cell phone # where you want pictures sent to (NOT # assigned to SIM card) and/or your email. You can enter up to three different phone #s or emails in boxes below.

Click "Select" to pick the SD card.

Click "Generate". A pop-up window indicates the MMS configuration is successful. Click OK.

Click "Exit" to the main menu. Close Main Menu. The setup is done.

6. Unplug the SD card, insert it in the camera. Install twelve new AA batteries in the camera. Plug in the SIM card. Turn the switch to "TEST". You will see two messages in red show on the LCD display subsequently indicating "Update.dat file is successfully installed" and "Menu.dat file is successfully installed". In 30 to 40 seconds, you will see the code change to AT&T and the signal bar (If you don't see the AT&T logo nor get a good reception, turn the camera off and back to TEST a few times if needed.) Move in front of the camera to have it send some test MMS pictures.

*The camera needs at least two bars of signal to function normally. Two bars means the signal reception is poor – it can drop to one bar or no connection anytime unknowingly. In such case, the camera will not send pictures or it will take a much longer time to do the job. Please contact customerservice@oldboysoutdoors.com for solution.

NOTE 1: Once you initially ran Setup.exe and set up the camera, the settings were stored in the camera. Every time you visit your camera, you can just swap the SD card. No need to re-program the camera. The only time you may need to reprogram the camera is that initially you set up the camera and test it successfully at Place A, later on you need to place it at Place B which is far away.

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It is recommended that you re-setup the camera in the new location. The reason is the network tower changes but the camera still stores the log information from the old tower which is close to Place A. This can cause the camera to send distorted pictures. So at Place B, you need to do the following steps.

- a. On the camera press Menu → go to Default Set and press OK. In Menu → go to Format and press OK. Take the sim card out and put it back after a few minutes. This will wipe off all old log information related to Place A.
- b. Follow Step 2 through 6 under **How to set up the camera** in the beginning of this guide. If you prefer, you can manually configure all settings on the camera.

NOTE 2: After strictly following the above procedure, if the camera doesn't send out pictures, please send an email to customerservice@oldboysoutdoors.com. To expedite the troubleshooting, please include in the email the serial number on the camera.

NOTE 3: To text command from your primary cell phone to change settings on the camera, please reference the chart below.

Order Code	Function Code	Format & Example	Explanation
01	Mode: camera (0), video (1), cam+video (2)	ltl01*1#aa	Video mode
02	Image Size: 12MP (0), 5MP (1), 2MP (2)	ltl02*1#aa	5MP
03	Video Size: 1080P (0), 720P (1), VGA (2)	ltl03*1#aa	720P
04	Picture No.: 01 photo (0), 02 photos (1), 03 photos (2)	ltl04*2#aa	3 photos
05	Video Length: 1-60 indicates different value	ltl05*15#aa	15 seconds
06	Interval: Leading code S (s) represents second, and M (m) minute. 1-60 indicates different value	ltl06*m2#aa	2 minutes
08	PIR Sensor Level: high (0), normal (1), low (2), off (3)	ltl08*1#aa	Normal
10	Side PIR: off (0), on (1)	ltl10*1#aa	On
11	MMS Status: off (0), VGA (1), SMS (2)	ltl11*2#aa	SMS
12	Phone No. 2 or Email: maximum 48 bytes	ltl12*1234567890#aa	Phone No. (123) 456-7890
13	Phone No. 3 or Email: maximum 48 bytes	ltl13*info@oldboysoutdoors.com#aa	Email info@oldboysoutdoors.com
14	Email: maximum 48 bytes	ltl14*sales@oldboysoutdoors.com#aa	Email sales@oldboysoutdoors.com
16	Time Lapse: off (0), on (1), time format - hhmmss	ltl16*1023302#aa	Time lapse On 02hr-33min-02sec
19	SMS Receiving Time ⁽¹⁾ : 00-25, 00 for every 10 min, 1 for every 1 hr, 25 for Off	ltl19*25#aa	Off
60	Take Picture ⁽²⁾ : on (1)	ltl60*1#aa	Take a picture and send back

⁽¹⁾ SMS Receiving Time (SRT) indicates the time when the MMS module powers on to receive SMS order message. For example, if you set it at 24, the MMS module will power up every 24 hours, looking for the last SMS order message missed in the past 24 hours. Because it consumes plenty of power every time the MMS module powers up, searches for network, and executes the order, it's highly suggested the SRT be set at 24. If you send Order 19*25# to turn off SMS control, you cannot reactivate it via SMS order message. You need to manually turn it on on the camera.

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⁽²⁾ Order 60 is dependent on the SMS receiving time determined by Order 19. For instance, if you set SMS Receiving Time at 12, the MMS module will receive and execute Order 60 when it powers up 12 hours after the last time it was on.

Each SMS order starts with **ltl** and ends with **aa** (not case sensitive). For example, if you want to add a secondary phone (123) 456-7890 to receive MMS pictures, the text content should look like **ltl12*1234567890#aa** If the format and parameters are correct, a confirmation *Message format OK* will be sent to you once the order was received. Otherwise, a *Message format error* will be returned. If you don't see the confirmation message within the window between two SMS Receiving Time points, you may try to re-send the order.

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