



Cell phone - CDMA Installation of VideoMoverPlus software – Quick START

How to prepare Vehicular or fixed streaming for CDMA networks:

Description:

VideoMoverPlus software is a one way video streaming from inside moving platforms such as cars, trucks, boats and airplanes. When CDMA network is not available, Inmarsat BGAN terminals can be used for vehicular streaming if a vehicular terminal is deployed. To learn about BGAN terminal installation, we offer a different quick start document or the document can be viewed online at:

<http://www.ipixel.com/evaluation.htm>



CDMA networks tested and supported: Sprint Wireless, Verizon Wireless, ALLTEL Wireless. In USA, AT&T services are not supported as video streaming is not allowed over AT&T network. Both 1xRTT and EVDO networks are supported by VideoMoverPlus software if Sprint or Verizon networks are used.

Other CDMA networks are also supported if they allow video streaming – outgoing - through TCP port at 8080 through up link and allow an Internet connected personal computer to be able to connect to the stream transported by CDMA wireless network. VideoMover and VideoMoverPlus are compatible with Microsoft Windows Media Player to receive the live streaming feed. VideoMoverPlus is also compatible with Microsoft Windows Media Server 200 R2 with Publishing point templates.

VideoMoverPlus software is a custom video streaming software and composed of 2 different software suites:

SEND software components:

- . VideoMoverPlus SEND software and configuration
- . VideoMoverLight SEND software and configuration

RECEIVE software components:

- . VideoMoverPlus Broadcast receive software
- . VideoMoverPlus Administration software
- . VideoMoverPlus iLIVE software to play back the streaming feed in real time

How to prepare computers, wireless access, web cam or DVCAM and download and install the software:

SEND software and computer (Notebook PC with Dual Core CPU):

Please prepare a modern Notebook with **Dual core CPU** and minimum of 2 Gig RAM (1 Gig is OK but 2 Gig is desired for better operations). A clean full and legal copy of Windows XP SP2 or SP3 must be installed. Disable the Virus protection for initial test. You can activate the Virus protection after successful streaming for the first time.

Note: if using NETBOOKS, the outgoing stream may not be satisfactory for some applications

Attach a Web Cam or DVCAM to the dash board of the car. If DVCAM is used, please connect the FireWire cable to the Notebook and make sure there is a tape in the DVCAM as without a tape some models may stop video streaming from camera unexpectedly. If using a Web Cam, please make sure the Web Cam is working after installation of drivers bundled with the Web Cam.

Install your CDMA USB or PCMCIA card in the USB or PCMCIA slot, install the software (connection manager), activate your CDMA account, test the network and make sure that the network is up and running. We suggest an **external antenna** to boost the CDMA signal.

Prior to activating the CDMA account, please contact your CDMA provider and request a PUBLIC STATIC IP address for the account(s). If Static IP is not available, we will provide a DNS account to track your IP address. A public static IP address, is preferred.

Once you are sure of CDMA network access, proper operation of Web Cam or DVCAM, please proceed to downloading of VideoMoverPlus software and install the software using the installer menu. Follow the main menu and install all the components as instructed in the installer menu. Do not skip any steps. All .NET frameworks must be installed. If the Windows report back that one or some of the .NET frameworks are already installed, you may skip the step and proceed to next.

RECEIVE software:

After Installing the SEND software, you must repeat the same process for RECEIVE software using the same menu and select the VideoMover broadcast receive option.

Your DESKTOP PC servers as RECEIVE station. You must prepare a modern Desktop PC attached to high speed Internet such as DSL or Cable or LAN. This PC must if on LAN, must allow 2 way traffic for port 8080 for both TCP and UDP. If the desktop is attached to LAN via ROUTER, you MUST open the port 8080 via ROUTER's software configuration and SAVE the results for the attached PC.

After configuration of SEND and RECEIVE:

- . Place your SEND unit next to RECEIVE unit while both are attached to proper networks. (SEND notebook must be attached to CDMA network) and RECEIVE Desktop must be attached to high speed Internet with port 8080 open for traffic.
- . Start network access by using the connection manager and establish CDMA network access
- . Start VideoMoverPlus software from START -PROGRAMS – VideoMover SEND
- . Click on FILE-CONFIGURE – CONFIGURE LIVE SETTINGS
- . Configure the CDMA template for your WEBCAM and click on SAVE and EXIT
- . From MAIN MENU, CLICK on START

You are now Streaming video from camera via CDMA network.

From RECEIVE station, please click on START – BROADCAST RECEIVE – iLIVE software
In the Address bar please type:

[HTTP://STATICIP:8080](http://STATICIP:8080)

or HTTP://DNS-Address_Provided:8080

You should SEE the live feed from CDMA to RECEIVE station.

Now you can move the Notebook to your CAR and repeat the process to receive video from inside the car. Make sure the notebook is adequately secured via Mobile Desk and powered via AC/DC. To assure the safety of driver, please start streaming before start driving.

To fully configure your SEND and RECEIVE software, please contact our technical support team anytime:

Software by iPixCel, LLC - a custom software development company

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