What is RVS?

Remote Video Storage (RVS) is SD card recording, or as others call it, “recording on the edge”. Some of the ONSIPs have this feature. But what is it good for? What type of SD card should I use? Where is it? How do you set it up? How do you access it?

All very good questions in which I hope to explain in this short document.

What is recording on the edge good for?

One of the most frequent questions I get asked while I am explaining the feature is “what is it good for”? Simply put, it is a backup for all the important events. Let’s face it. Some people are still a little paranoid about IP cameras and the network technology. RVS does not deal with the network. It is part of the camera. Think of it as a little mini hard drive inside each camera that is storing events, sensor alarms and maybe even continuous recording if you really want it to. While the NVR will record as long as the network is up, RVS will record all the time. So it serves as a backup.

What type of SD card should I use?

Sandisk 32GB.

Where is it?

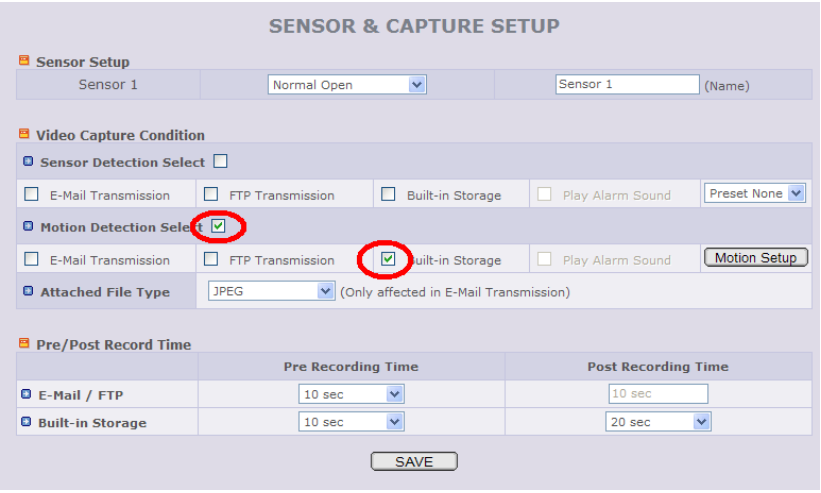
Well first let’s talk about what “it” is. “It” is a little slot that fits an SD card. This is where you will insert the SD card.

Depending on the camera model, it is located in different places. It will be a thin slot. Consult the manual of that particular camera to find its exact location.

How do you set it up?

The first thing you must do is set up the camera to send data to RVS and this is done by going into the cameras administrator page.

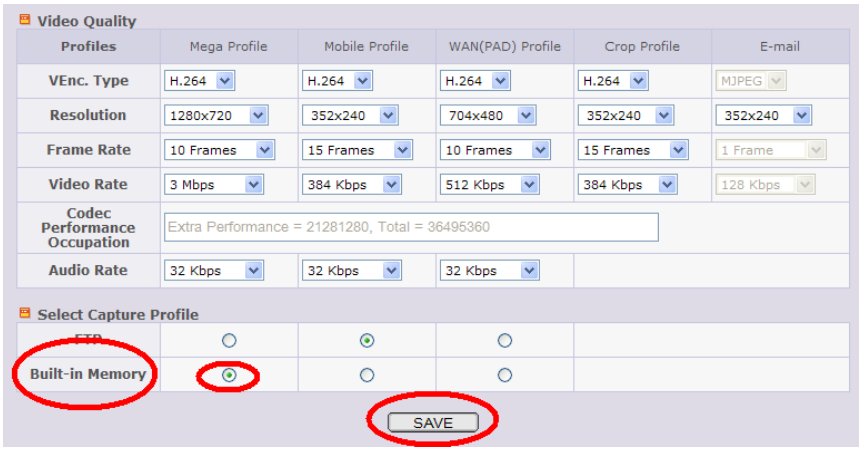
Once there, go to the Sensor & Capture Setup tab.



Choose what you would like to backup to the SD card. In my example, I want motion detection to be recorded to the SD card so I put a check in Motion Detection Select and a check in Built-In Storage. **I then SAVED my choices. You must SAVE here or you will lose changes.**

The next step is to set up the schedule and motion area

Next, go into the Basic Setup tab. In here, you must choose what capture profile you want to use. This might sound confusing but all it is really asking you to do is pick which profile you want send to the SD card. In my example, I am sending the Mega Profile to the card. So next to Built-in Memory, I put a dot under the Mega Profile. You can also send the Mobile Profile or the WAN Profile to the SD card but keep in mind that you can only choose one to send. **As always, remember to click SAVE each time before you leave a tab. If you make changes and do not click SAVE, all changes will be lost.**

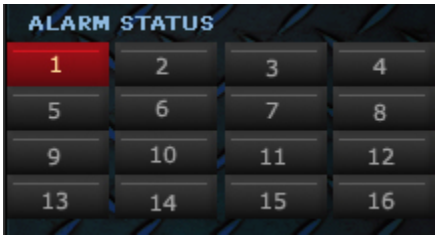


In my example above, you see that I am choosing the Mega Profile. While this might sound great, remember that this large resolution will eat up space on the card much quicker than the Mobile Profile which has a much smaller resolution.

Congratulations! You have set up the camera to record on the edge!

That's great, but how do I access it?

Accessing it requires Speco-NVR. Once you have opened up Speco-NVR. You should see the motion or sensor alarms going off. This is telling you that you have set up your events properly.



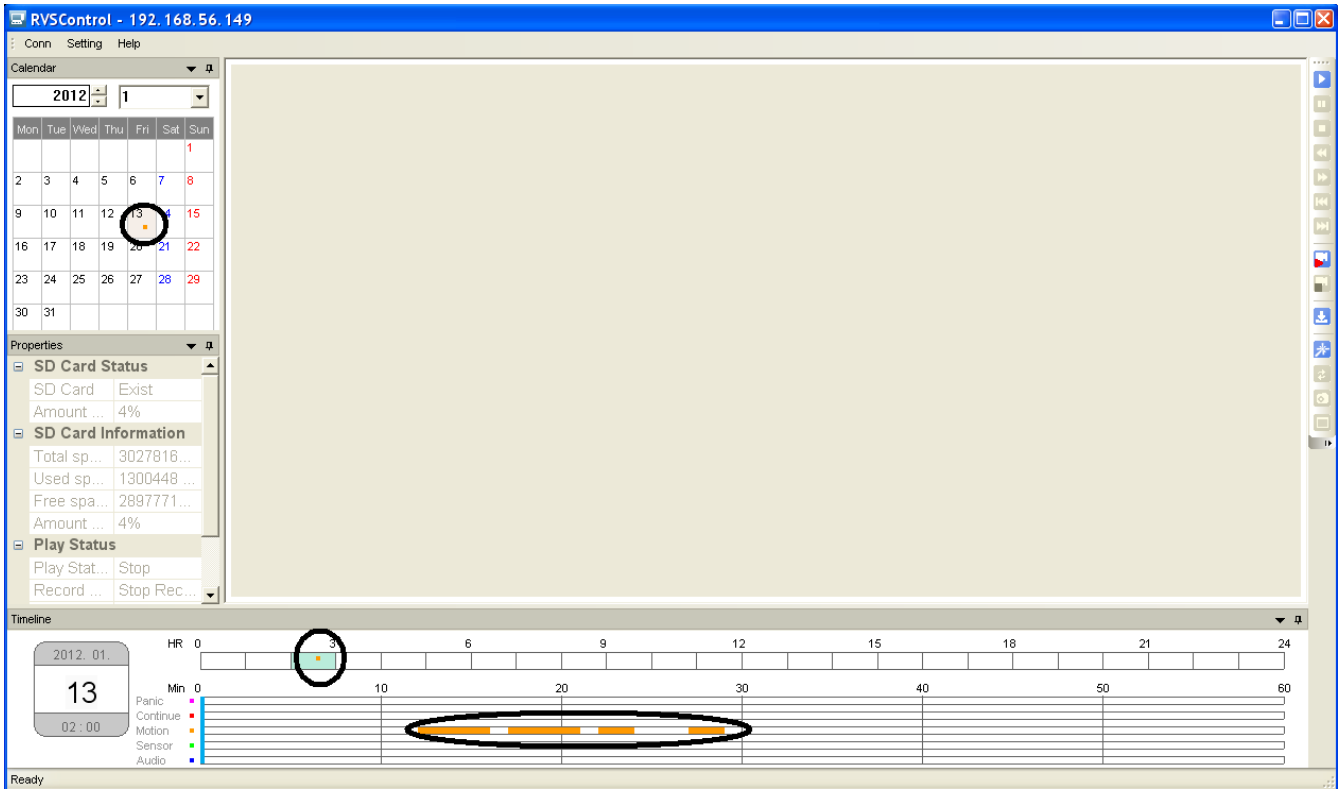
If you cannot see any events, you might want to go back and check if you set that all up properly in the camera.

You will be able to tell if the camera is sending events by looking at the Alarm Status panel in the NVR. If the camera number has changed to red, the camera is seeing alarms and events. If you see this color, it is sending data to the SD card.

To get to the RVS Control, simply click the RVS Control button in Speco-NVR. This will launch a new application.

Remember, each camera has its own RVS control. So if you want to get to Camera A's RVS Control page, you must click on Camera A first.

After clicking RVS Control, the control page will open up. This is the real "Action Center" of recording on the edge.

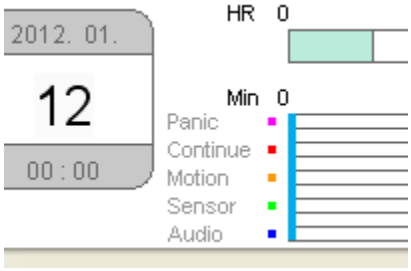


On the top left hand side, you will see a calendar. This will probably have some dots in it. These dots are indicating that there is data on the card from that day. To access that day, click on the day in the calendar. You will see the date change to that day in the lower left corner.

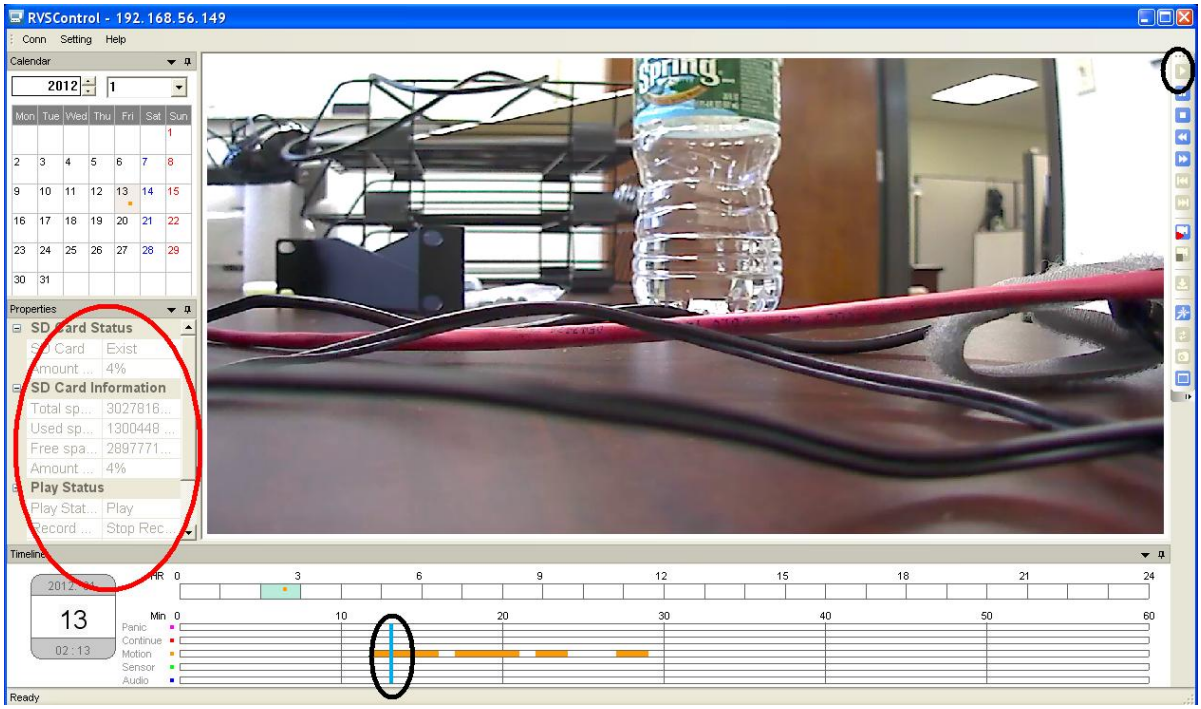
The next thing that will happen is the hour/minute time bar will begin filling with dots. If at the picture above, you will notice in the hour section, I have circled “3” because there is a dot in it. This is telling me that something happened at 3 AM.

Now the minute bar will fill up with bars. This is telling me that some kind of motion happened about 12 minutes into the hour and something else happened a few minutes later. These are when my events took place.

Pretty easy to understand but before I go any further, I want to explain the significance of the color of the dots and the color of the bars. Each event will have a different color attached to it. These dots will show up in the calendar indicating to you which action took place on which day. Since I was recording only on motion, the dots and bars are orange. If you decide to record on sensor, the dots and bars will be green. And yes, you can record all of these at the same time if your camera has the options.



On the left side of the RVS, you will see the status of the card. This will tell you how much space you have left, if it is recording, etc. It's a good way to see if you are taking up a lot of space on the card because remember, the faster you use up space, the less days your card will hold.



To get to the minute of the event, simply grab the blue vertical bar with your mouse and drag it to where you want the playback to begin. The blue bar is located at the beginning of the minute graph. Left click and drag.

Now that you are at where you want to start the playback, click the playback button in the top right corner of the screen. I have circled it in the picture above. If you get lost in all those buttons on the right side, don't worry. They all have "floats" to tell you what they do.

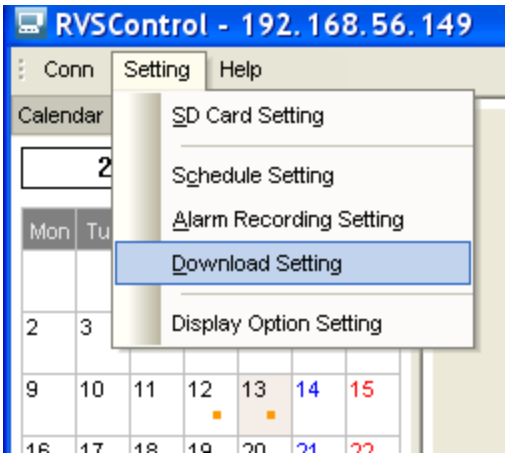
But what if you want to export it?

On the right side of the page, one of the buttons will be "Download".

Once you click that, the process will begin.

But where is it being downloaded to?

Click on the Setting button and choose Download Setting. This will allow you to download the files to anywhere you want on your PC.



And that is pretty much it! You know have all the tools you need to record on the edge!