

RGS-AvaCam



AvaCam version 3.6

By Guy Roels, (c)2006-2014 RGS-AvanceSoft, FreeWare

AvaCam URL: <http://users.belgacom.net/rgs/avacam.htm>

Homepage: <http://users.belgacom.net/rgs>

Support: <http://tech.groups.yahoo.com/group/rgsavance/>

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The easiest to use full featured WebCam tool to view your WebCam(s) or whatever video device you have installed (not just webcams) on your PC. A complete WebCam program designed with a intuitive user interface that makes AvaCam easy to use. Automatically save pictures on any interval (time-lapse), view, print, copy and edit your snapshots! View the video full screen! Compile a video from your snapshots! Resize the video source to any size you want (also full screen). Possible to save images using motion detection! Record video and save them as AVI-files (using any compression available) to your hard disk. Setup your video device with all available features your device has. And much more, and yes, it's still easy to use! Unleash photographic effects on your snapshots to improve quality and more. AvaCam can be used with more the one video device and can even be monitored remotely (lan, internet)!

Donations to support AvaCam: Pro Edition

AvaCam is NOT public domain, it is Freeware and Donationware if you want!
The author keeps the copyright and all other rights.
The program can be used without registering and is fully functional and no time limit!

However, if you should need more functions and options to suit your need you can make a little donation which will also support this or other AvanceSoft projects.

To support the AvaCam project please send a donation of \$12.
You can donate via PayPal, by post or our bank account.

To show our appreciation for your donation we'll send you a special key which will unlock those extra options and functions! Registered users will also enjoy free support and free updates!

Please mail us to the request for the AvaCam Pro "Registration key".

Upgrading to Pro-Edition

AvaCam DONATIONS to register and upgrade

There are 2 ways to "donate" to the AvaCam project and get your **life time** valid registration key which will turn your Free-Edition into the Pro-Edition:

- Please send a donation of 12 dollar) Via our PayPal account at our website where you can find our PayPal account
or from within AvaCam ->About
This is a fast, easy and secure way! And you even don't need a PayPal account to be able to donate!
- beta-testers that have been approved by our team get a free registration key!

| Features | Free Edition | Pro Edition |
|---------------------------------------------|--------------|-------------|
| AutoSave | • | • |
| Save snapshot | • | • |
| Save as JPG | • | • |
| Choose JPG Compression | • | • |
| Edit snapshot/picture | -- | • |
| Change button styles | • | • |
| Choose video device | • | • |
| Multiple Avacam Sessions in one click | -- | • |
| Life time valid registration key | -- | • |
| Free support and updates | -- | • |
| Scan Refresh | • | • |
| Screen background | • | • |
| Change and setup video settings | • | • |
| Full screen video (also webcams!) | • | • |
| Change picture browser | -- | • |
| Print snapshot and Print preview | • | • |
| Record video to disk (AVI) | • | • |
| IrfanView support | • | • |
| Motion detect settings and configuration | -- | • |
| Motion detection save | • | • |
| Easy setup of initial startup modes | -- | • |
| Limit maximum automatically saved pictures | • | • |
| Timer activated recordings/saving of images | -- | • |
| Enable/disable Recording compression dialog | • | • |
| Command line parameters | • | • |
| Automatically embed date & time onto images | -- | • |
| Minimize and tiny mode on start up | -- | • |
| Edit and enhance captured images | • | • |
| FTP capable: Remote Monitoring | -- | • |
| Sound during AutoSave and MotionSave | -- | • |
| Burst mode | • | • |
| Record Video on Motion Detection | -- | • |
| Compile unlimited length video's in AvIC | -- | • |

Even more Pro-Edition Features

- Remote Monitoring with FTP! Automatically upload images to any server on the Internet, LAN, etc.
- Embed date and time stamp into your snapshots (autosave, motionsave, snapshots...)!
Also change the description that is used in the time stamp! (default 'AvaCam' word is used)
- Set Motion detection sensitivity (comes with 8 pre-defined sensitivity settings)
- Record video on Motion!
- Motion Detection focus settings (comes with 8 pre-defined focal settings)
- Motion detection noise filter
- AutoSave Timer: Set start- and stop time for timed activation to start recording, the Autosave or Motionsave modes.
- Hide title bar in full-screen mode!
- Limit the amount of AutoSave/motionsave pictures 0...99999
- One-click multiple sessions of AvaCam
- Define your own favorite viewer or paint program or use build-in one
- Define AvaCam's save folders of the Autosave-, MotionSave and Video recording functions
- Define default "Save-As..." folder.
- Increase/decrease contrast (steps of 10% ,right-click = decrease by 10%)
- Set sensitivity of motion detection and focus range
- Easy setup of initial start-up mode (Manual, AutoSave or MotionSave selected automatically) No INI-file changes needed anymore!
- Enable or disable AutoStart video stream on startup
- Minimize Avacam on start-up
- Show AvaCam in tiny mode (hidden buttons)
- Audit a sound (default female voice) informing you a AutoSave or MotionSave has been initiated.
- Replace sound effect files with your own
- Start-up path when using 'Save As' can be specified
- Compile unlimited length of the videos created in AviC!
- Change font name, font size and set bold for embedded time and date in the image!
- And more...

Enhanced Gamma-Blending

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Blend can also refer to the mixing of pixels in specific ways on multiple layers of an image. In this type of blend the opacity of the layer is adjusted to show more or less color or detail. It combines the pixels of one image with the pixels of one or more other pictures as the result is used to blend over again.

This will drastically improve the quality of a snapshot by using AvaCam's Enhanced Gamma-Blending (in Viewer) by selecting one or more of the same snapshots.

Compositing together multiple originals can result in substantial improvements in the signal / noise ratio in an image.

Just take several snapshots of the same image and you'll see an improvement of the Gamma-blended image. You can use as many images as you want.



zoomed out by 200%



result of just two images using Enhanced Gamma Blend

You can use this mode to just blend two totally different images into one too.

Photo effects

Viewer

- Viewer summary:
 - Easy switch between AvaCam's default folders
 - Saving edited images in Viewer
 - One-click photo effects:
 - de-speckle/smooth
 - sharpen
 - invert
 - flip horizontal
 - flip vertical
 - greyscale

brighten

darken

colorize plasma

Enhanced Gamma Blending (drastically improve image quality by merging two or more of the same images = Astronomers tool)!!

Quality contrast (Pro-Edition)

- Shows in a label the original image size in pixels
- Open selected file with IrfanView in Viewer
- open folder in viewer of last used save option
- view saved and/or recorded videos (AVIs)
- Right-click file-box allows you to open the Explorer from that folder, open in Irfanview or open in Mediaplayer
- During AVI-movie play you can: pause between each frame, play, stop, rewind to start and end.
- Slide: In the Viewer you have a "Slide show" button. This works only with images. Right-click on the Slide-button to change timing between images, which can be set from 10ms to 10seconds.
To "remember" the last timing setting you will need to go to Setup and save the settings.
Tip: Ideal for viewing a large collection of saved pictures as a movie when using small intervals.

To change the Delete-confirmation setting you need to edit AVACAM.INI tag [NoConfirmDelete] -1 and press Delete in AvaCam's Viewer

Or change the INI-file tag to:

0 =>confirm,

1 =>no confirmation

IrfanView

AvaCam will implement the ability to open your pictures in Irfanview, if you have the freeware image viewer IrfanView installed on your system. Please check: www.irfanview.com

In the Viewer you'll be able to open the selected picture in IrfanView.

If you right-click the "COPY" button in AvaCam's main screen the current image will be copied to IrfanView.

Saving JPG

When you get an error saving JPEG's with AvaCam then please install GDIPLUS.DLL in your system directory. This can be freely download from the Microsoft website

Compression (quality) of the saved JPG's can be set in the Setup-window.

There's also an option to use BMP-format or JPG-format by default (Avacam uses the default format to save pictures)

Burst mode

Clicking this button will save (by default) 10 frames at once (take a 10 frame snapshot) and are saved in the snapshot folder.

File format is: name "Burst[date][time][Framenr].jpg

example: 'Burst19-08-08 14.44.09_frame0001.jpg

The frames /second in the Burst mode can be set between 2 to 20 frames per second.

This can be changed in the Setup dialog

FTP

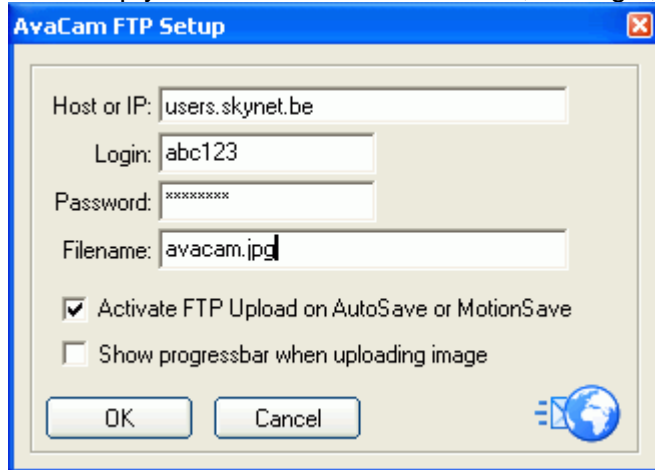
Remote Monitoring

AvaCam Remote Monitoring can be done by using FTP access.

When activated AvaCam will automatically upload images to any server on the Internet, LAN, etc. Ideal for remote monitoring and surveillance!!

When activated the AutoSave- and MotionSave options are colored red.

Via Setup you enter the hostname or IP, the login, password and your done!



The interval of uploading is “controlled” by the setting in AutoSave- or MotionSave modes.

If AutoSave is set to an interval of 10 seconds, then the image on the host will be updated every 10 seconds.

If MotionSave detects a motion the image will be uploaded.

Filename: this can be changed to suit your needs. Just be sure you add .jpg (for jpeg compressed images) or .bmp (for uncompressed bitmap images).

You can also specify a path. If omitted the folder of Avacam is used to save the file.

Examples:

avacam.jpg - will save the file 'avacam.jpg' in the AvaCam folder

c:\avacam.bmp - will save the file in the root of drive c:

Tip: if you want top quality image you can upload the image as BMP (but the image becomes much larger). Simply change the ftp filename extension from .jpg to .bmp (example: avacam.jpg -> avacam.bmp)

Tip: you can change the type of font, font size and set the font to bold by editing AvaCam.ini

Change the following values accordingly:

[EmbedFontSize]

0

[EmbedFontBold]

0 or 1

[EmbedFontName]

Note:

Be sure your Firewall doesn't block AvaCam for outgoing data.

Remote viewing HTML-example is included: please check out “avacamremote.htm” which can be found in the AvaCam folder

Time Stamp: Embed Date and Time

If you like to embed the system date and time in your images (snapshots, autosave and bursts, motionsave) then go to Setup and enable "Embed Date & Time onto images" (Pro-Edition)



The timestamp in this image is a pro-edition feature

You can also change the stamp description. Default "AvaCam" is used, but it can be changed to anything you desire.

To change the font, font size, font bold etc. you need to edit the AvaCam ini file. This isn't too hard to do. Just open AvaCam.ini in Notepad (or any other editor) and change the following settings accordingly:

```
[ EmbedFontSize ]  
0  
[ EmbedFontBold ]  
0 or 1  
[ EmbedFontName ]
```

Example:

```
[ EmbedFontSize ]  
12  
[ EmbedFontBold ]  
1  
[ EmbedFontName ]  
Verdana
```

Save the file and your done.

HTML remote monitor code

Here is the code:

```
<html>

<head>
<meta http-equiv="Content-Type"
content="text/html; charset=iso-8859-1">

<!-- The refresh of the page is controlled by command CONTENT=xx; seconds -->
<!-- The page that will be refreshed is defined by URL= xxxxxxxxxxxx.htm -->
<meta http-equiv="Refresh" content="10; url=avacamremote.htm">

<title>AvaCam Remote Monitor</title>
</head>

<body bgcolor="#FFFFFF">

<p align="center"><font size="4"><strong><u>AvaCam Remote Monitor</u></strong></font>
<br>
Default html-page: avacamremote.htm<br>
Default image: avacam.jpg<br>
Default refresh: 10 seconds</p>

<p align="center">All these settings can be changed in the
HTML-code</p>

<p align="center">AvaCam Remote Image<br>

<!-- Here you need to enter the host, url, IP where your Avacam image will be uploaded -->
</p>

<p align="center"><a href="http://users.belgacom.net/rgs">home</a></p>
</body>
</html>
```

Save As...

The Save-As button allows the user to save an image in the viewer at the moment you press the Save-As button. The image saved is the one you see on the screen at the moment you pressed the button, even if the image changes afterwards.

You can specify the default start-up folder each time you use Save-As by changing the folder in the SetUp of Avacam.

You can also specify the default image size instead of selecting "Save as type" in the Save-As dialog.

You can manually select save as:

jpg True Size,

jpg Scaled Size,

bmp True Size,

bmp Scaled Size.

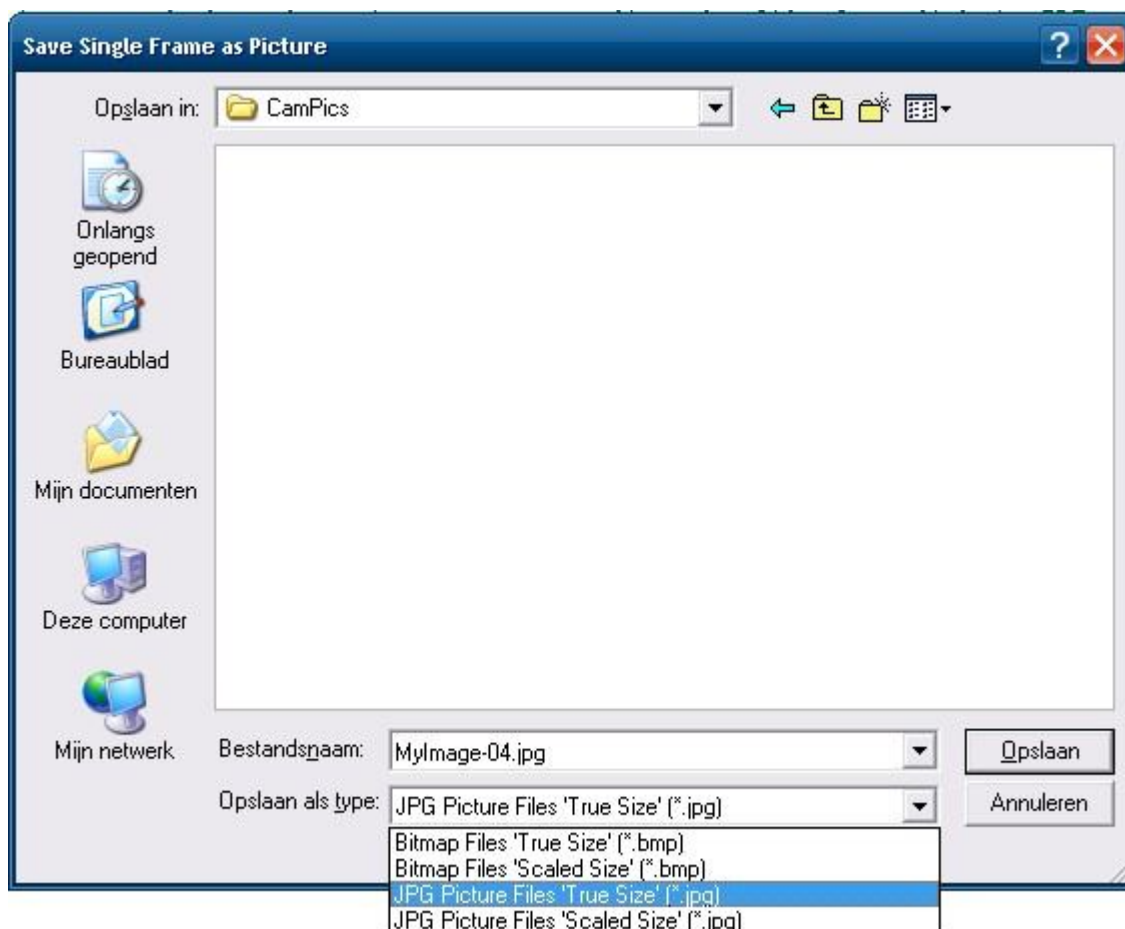
However you can force the Save-As dialog to save the true size of the image or the size seen on the screen by modifying the AVACAM.INI file:

```
[SaveAsScreenSize]
```

```
0
```

- 0 = program or user controls the default image size
- 1 = use default "True size" of the image (which is the original size read from the device)
- 2 = use default "Scaled size" of the image (which is the size of the image seen on the screen, so can be any size AvaCam is resized to, like for example: full screen)

Note:1 and 2 also allows the user to change the image size, but default is the preference size specified in the ini-file as stated above.



Stream Source Buffer

Handles the way AvaCam reads the stream of the cam.

Default AvaCam uses 'Clipboard' mode. This is the fastest way and is recommended.

IDE mode can be used if you encounter Copy/Paste issues.

IDE mode is slower surely when using high resolution pictures. It works ok for 640x480 or smaller. For surveillance 640x480 isn't that bad.

The IDE mode needs time to buffer the image. It writes a temporary file to the hard disk on each frame, hence the slower response, surely on high resolutions. And this can cause sluggish response of Avacam. Small resolutions causes no issues.

If you have a super fast hard disk, or even better a USB 3.0 memory stick then you can edit AvaCam.ini to allow AvaCam to use that device instead. Can greatly improve performance in IDE:

```
[TempBufferFileAndPath]  
D:\AvaCam\cap$$$  
.tmp
```

AvaCam 3.x IDE mode **appendix**

Tip1:

Use a Ramdisk as IDE medium to speed up AvaCam's IDE Mode

Ramdisk or RAM-Disk is a virtual hard drive based on software abstraction that treats a segment of random access memory (RAM) as secondary storage which is similar to hard disks, except with advantage that ramdisk is a lot faster and access time is greatly improved.

download (Gavotte based on Microsoft's Ramdisk) Free RamDisk.zip at:

<https://www.box.com/shared/htpmm1zm8e>

or

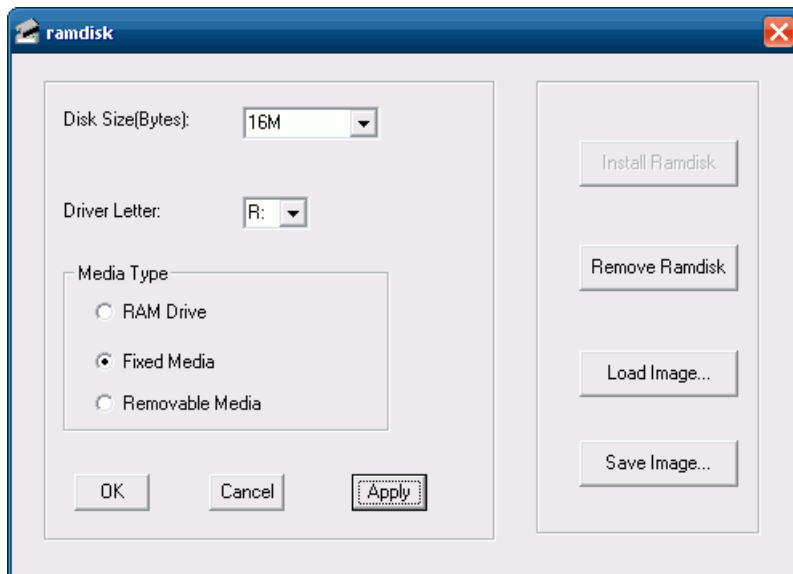
<http://dfiles.eu/files/916161>

Installation and setup of Ramdisk is pretty simple. Unpack the zip archive to a folder, and run ramdisk.exe. In Windows Vista/Win7, you need to right click on it and select "Run as Administrator", if not you will get a Failed error message.

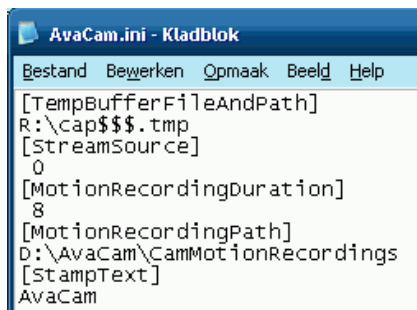
Click on Install Ramdisk to install RRamdisk.sys driver. Answer Yes or Allow if prompted with driver not signed with valid digital signature or can't verify the publisher of this driver software warning message. Once Ramdisk is installed, all buttons that previously grayed out inactive are now activated.

In short:

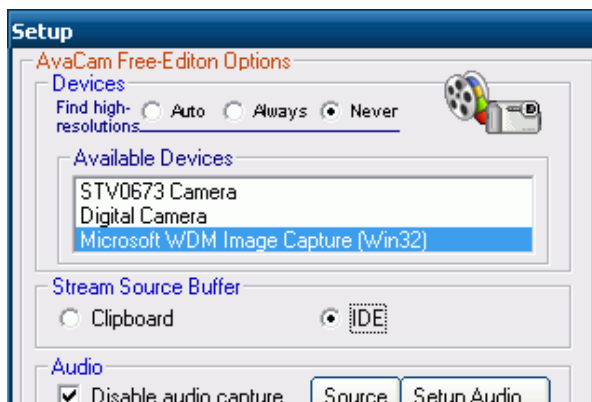
1. run Ramdisk.exe
click 'Install Ramdisk'
Change 'Disk Size(Bytes)' to 16M
click 'Apply'
close Ramdisk (OK)



2. Open AvaCam.ini (use NotePad or similar program)
Look for tag [TempBufferFileAndPath]
and change it to-> R:\cap\$\$\$.tmp
Save the file



3. Run Avacam
Go to 'Setup'
Select 'IDE' (Stream Source Buffer)
Click 'Save Setup'



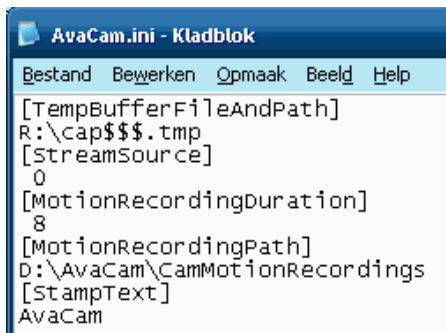
Final note:

Of course there are plenty of Ramdisk driver and software available, such as RAMDiskXP, RAMDiskSE and RAMDiskVE from Cenatek, RamDisk and RamDisk Plus from SuperSpeed, RAMDisk Enterprise Lite and Full version plus 64 MB limited free RAMDiskbased on Microsoft Ramdisk from QSoft, and Ramdisk.sys driver for Windows 2000 from Microsoft published under KB257405 etc. etc....

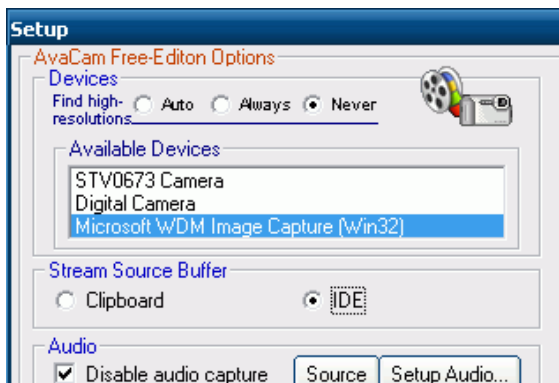
Tip2:

Use a USB 3.0 stick or memory card and dedicate it to AvaCam:

1. Open AvaCam.ini (use NotePad or similar program)
Look for tag [TempBufferFileAndPath]
and change it to the USB-stick drive (Example E:\cap\$\$\$.tmp)
Save the file



2. Run Avacam
Go to 'Setup'
Select 'IDE' (Stream Source Buffer)
Click 'Save Setup'



Motion Video Recording

MotionRecord (Pro Edition):

AvaCam will record a video of 8 seconds* when a motion is detected.

When enabling this function a recording will be made on every motion. The length of the recording is set in AvaCam's Setup and can be set between 3 and 999 seconds.

Default is 8 seconds

The recorded movie segments are stored in folder ...\\AvaCam\\CamMotionRecordings
And can be viewed in AvaCam's Viewer or with your MediaPlayer.

Sounds

- Sound1.bin
Plays the camera shutter sound when using Snapshot-button
Note: Pro-Edition users can copy any WAV-file named as “**user1.wav**” in the AvaCam folder to use your own sound effect.
- Sound2.bin
Plays the camera burst sound when using Burst-button.
Note: Pro-edition users can copy any WAV-file named as “**user2.wav**” in the AvaCam folder to replace the default (sound2) effect
- Sound3.bin
Plays the “AutoSave” voice when AutoSave is saving an image (pro only).
Note: Pro-Edition users can copy any WAV-file named as “**user3.wav**” in the AvaCam folder to use your own sound effect.
- Sound4.bin
Plays the “MotionSave” voice when using MotionSave when it detects a motion (pro only).
Note: Pro-edition users can copy any WAV-file named as “**user4.wav**” in the AvaCam folder to replace the default sound effect.

To disable the sound effect(s) then just rename or delete the file SOUNDx.BIN. You can easily change this by using the Setup (pro) without deleting anything!

Motion Detection

Not all explained here are applicable in the Free-edition, but only in the Pro-Edition

This allows you to save images once a motion is detected.

It will stop recording motion frames when no motion is detected and resume whenever another motion is detected. It keeps "looking" for a motion till you stop it manually. This does not mean that once a motion is detected it keeps saving frames. Only during a motion.

Anyway, to sum up: it only saves a frame once a motion is detected and as long as the motion continues.

You can limit the total amount of images (frames) to be saved during a motion detection session in the Setup. This can be set between 1 and 9999 images (Pro-edition allows up to 99999 images).

Focal Area and Motion Detection Sensitivity Settings

In the Setup you can:

- Set Motion detection sensitivity (comes with 8 pre-defined sensitivity settings)
- Motion Detection focus settings. You can choose from 8 primary focal positions where Avacam needs to "look" for movement
- Enable a Noise Filter to prevent false movement detections do to noise in the picture.

Note:

If it keeps saving pictures (non-top) after the first motion is detected, then it could only be because of the sensitivity of the motion setting (can be changed in pro-edition) or the picture is too noisy (to many pixels changing because of low light and such). Enabling the Noise filter and/or changing the sensitivity level can help, or of course trying to improve your CAM's image by lighting etc.

Motion Detection Confirmation dialog

You can force Avacam to show a YES/NO save confirmation dialog every time a motion is detected. in AvaCam.ini section [SaveConfirmation] when set to 1 a save confirmation dialog will be shown in 'MotionSave' when a motion is detected.

You can also activate the Motion detection automatically!

Run AvaCam and set the start- and stop times, enable AutoSave timer, BUT do not end AvaCam. Just press OK after you have set the times. Then if you want the "motion detection" be the mode you want to be activated with the time you have set, then just tick (O)Motionsave. You do not need to press the start-button because the Autosave timer will start- and stop the action on the start- and stop times you have set up.

This also works for (O)Autosave and with the interval you have specified.

Command line parameters

Start-up command-line parameters (also overrides any initial settings):

- /reset when problems with setup or to restore to defaults
- /start force avacam to start feed (pro)
- /deviceX force to use device X (0...9, example: /device2)
- /minimize minimize avacam (pro)
- /tiny hide buttons (pro)
- /record start recording

To add command line parameters to AvaCam:

- Right-click AvaCam-icon on your desktop and select properties
- Add the parameter with a space directly after AVACAM.EXE (Target field)
- Press OK or Apply

Combination of parameters are allowed

Reset

To reset AvaCam to its default settings or by any issues that caused a problem, simply delete AVACAM.INI

- Be sure Avacam isn't running.
- Then delete **Avacam.ini** and **AvacamPrint.ini** in your AvaCam folder
- Restart Avacam

You can also start AvaCam with the command-line parameter **/reset** which resets AvaCam settings to their defaults

High Resolution Devices

AvaCam tries to detect available and installed video devices using Windows AviCap. If your device supports moving video streams over 640x480 it should be detected.

If not, then set AvaCam to force detecting your device resolutions via Setup.

In Avacam's Setup you will see 3 options:

- Auto - Let Avacam decide when and how to find your device high resolutions
- Always- This will execute the detection process every time you change video size
- Never - Never try the above alternatives to find high resolution devices

DevicesDatabase.log

Any found high-res devices are stored in a text file that allows experienced users to experiment with their cam's -hidden- capabilities.

When AvaCam is in "Auto-mode" and it finds high resolutions (over 640x480) then these devices capabilities will stored in a file (DevicesDatabase.log) in the AvaCam directory. You can change the resolutions and color depth directly in the file DevicesDatabase.log (it is a text file), but I would not recommend it. Nevertheless, this can give you additional control and a way to experiment with AvaCam and your device.

If Avacam crashes? Simply delete DevicesDatabase.log.

Still no High resolutions detected?

It's likely that the camera doesn't support the same resolutions using WIA or Video for windows (which is what avicap is probably using). Possibly the only way to get the full resolution is to use WDM.

Additional note:

And there's a difference between the still image resolution and the video capture resolution. In this case the video capture resolution is documented as 640 x 480, and that's what your video capture control is giving you. However, 2 Hz is still a streaming application and you may not be able to achieve this under still image control. If you really need high source resolution video you may have to spend rather more on hardware.

- **Tips and tricks**

- Right-click Copy-button will copy image to IrfanView AND Clipboard
- Drastically improve the quality of a snapshot by Enhanced Gamma-Blending (in Viewer) of two or more of the same snapshots. Just take several snapshots of the same image and you'll see an improvement of the Gamma-blended image. You can use as many images as you want.
Gamma blending ©RGS-Avance
- If you want a copy as seen on your AvaCam screen (even full screen or whatever size you resized the window) then click: 'Save As' button,
Select option in the Save As dialog: BMP Bitmap Files AvaCam Screensize or JPG Picture Files AvaCam Screensize
- AvaCam uses several folders to save its pictures and videos:
The default "Snapshot" folder is: ...\\AvaCam\\CamSnapShots
The default "AutoSave" folder is: ...\\AvaCam\\CamAutoPics
The default "MotionSave" folder is: ...\\AvaCam\\CamMotionPics
The default "VideoSave" folder is: ...\\AvaCam\\CamVideos
The default "Motion Recording" folder is: ...\\AvaCam\\CamMotionRecordings
The default "Save As" folder is: ...\\AvaCam
Changing these folders can be done in the Pro-Edition.
- The filename is generated automatically and uses a date/time format:
Example: Cam0Pic2006-02-02 11.29.37.jpg
Cam0 is the number of the selected device
You can change this in the setup or choose a counter to save your images (0001,0002,...) You can change the start number if needed (also in setup menu).
- You can limit the maximum amount of autosave pictures in the Pro-Edition. If you set the limit to 100 for example, hence resulting in 'rotating' from 0 to 100. AvaCam will start again from 0 if 100 is reached. The Pro-Edition is enhanced up to 100.000 pictures!
- All settings are saved in the AvaCam.ini file.
- Deleting the AvaCam.ini file (and run AvaCam again) will restore all settings to their defaults. This file can be found in your AvaCam's folder.
- Right-click your mouse in the view window for options.
- Pressing ESC In full screen mode brings you back to normal mode. (With the Pro-Edition you can remove the title bar in full screen mode all together).
- CTRL-S = save as...picture
- CTRL-C = copy picture to clipboard
- F5 = take a snapshot now (in full screen mode)
- Press ESC will stop a video recording too.
- You can view a frame directly in IrfanView If installed! (right click on video window, in the build-in viewer there will appear a new IrfanView button too). IrfanView is totally FREEWARE and can be downloaded at IrfanView.com
- You can run multiple copies of AvaCam and each session can have their own cam selected
- To use separate settings for each running copy of AvaCam please install it into separate directories
- Sensitivity and focus type of the motion detection can be set and configured in the Pro-Edition
- You can remove the title bar when viewing full screen video via the setup menu (Pro-Edition)
- During the recording of a video it can sometimes 'seem' that AvaCam hangs, but it is really saving the captured video stream to your disk! Clicking the STOP-button will stop the recording and will enable you to return to AvaCam.
- Motion detection sensitivity and focus settings can be altered at will in the Setup-menu (Pro-Edition)
- Right-click in the Viewer's file-window will show additional options
- You can quickly delete files by pressing DEL when in the file-window. This does not confirm the deletion of the file hence allowing fast deletion of sequential files.
- Want to view only the video without any buttons? Right-click the video-feed window and select "Hide Buttons". Right-click options remains available in this "tiny mode".
- If you like to embed the system date and time in your images (snapshots, autosave and bursts, motionsave) then go to Setup and enable "Embed Date & Time onto images" (Pro-Edition)

- AvaCam remains on top of every program when enabling "Stay-On-Top " in the setup
- In the Viewer you have a "Slide show" button. This works only with images.
Right-click on the Slide-button to change timing between images, which can be set from 10ms to 10seconds.
To "remember" the last timing setting you will need to go to Setup and save the settings.
Tip: Ideal for viewing a large collection of saved pictures as a movie when using small intervals.
- In Avacam.ini section [NoInfoDialog] when set to 1 no dialog will be shown during SnapShot save (also during Burst Save, Ending Recording, Errors etc.)
- Zoom: to zoom in on a detail in the Viewer simply right-click the Image. A popup menu will appear and allows you to enable/disable the Zoom.
- Expert users only:
Change record streaming thread in AvaCam.ini

[RecThreadYield]

By default AvaCam (being the capture window) spawns a separate background thread to perform step and streaming capture. This allows smooth operation during recording even when switching applications.

You can disable this if you encounter problems, but you have to take notice of the fact that disabling this function needs AvaCam to run always on the foreground and has the focus. Primary system resources will be used during recording.

Open AvaCam.ini and look for the tag:

[RecThreadYield]

0

And change it to 1

0 = separate background thread (default)

1 = is fixed application thread (AvaCam needs continues focus, like the old AvaCam v2.x worked)

Mini mode



Just view the video without any buttons showing in a uncluttered window!

In AvaCam's main window,

- right-click the video window
- choose option "Hide buttons"

To return to normal mode:

- double click in video window, OR:
- right-click the video window
- choose option "Show buttons"

Stay-On-Top

In the Setup menu you can enable the Stay-on-top option to force AvaCam to stay on top of any application running in Windows.

Tip: in combination with Stay-On-Top you can view your live feed on your desktop even when other programs are used.

Left Side AvaCam Logo

You probably noticed the AvaCam text on the left side when you resize for large view or maximize the program. You can disable this in the Setup "Side Logo".

Pro-edition users can change this logo to their own logo, name or whatever as long as the image is a gif-file.

How? Simply place the gif file in your Avacam directory and rename it to: AVACAM.GIF

Shortcut keys summary

- **F1** **Help**
- **F2** **Start (start the video feed, like clicking the start-button)**
- **F3** **Save Snapshot (also the keys CTRL-ALT-C)**
- **F5** **Save a snapshot in full screen mode**
- **F10** **Stop (simulates clicking the stop-button)**
- **ESC** **Returns to normal mode after Full-Screen was selected, OR stop video recording**
- **ALT P** **Stop video stream (F10)**
- **ALT R** **Recording on Motion**
- **ALT O** **Options**
- **ALT V** **Video size**
- **ALT U** **Setup**
- **ALT i** **MotionSave mode**
- **ALT T** **AutoSave mode**
- **ALT M** **Manual mode**
- **ALT A** **Save As**
- **ALT B** **Burst**
- **ALT S** **Save snapshot (F3)**
- **ALT W** **Open Viewer**

Set initial start-up mode (auto-run)

Let AvaCam start in mode: Manual, AutoSave or MotionSave. The mode will be selected automatically at start-up of AvaCam.

Free-Edition users need to change the AVACAM.INI file. Pro-Edition users will be able to set the initial start-up mode from within Setup.

Open AVACAM.INI in notepad (or similar program)

Almost at the bottom of the document you'll see the line:

```
[AutoRunMode]  
0
```

Change the "0" into 1 for MotionSave, or 2 for AutoSave (0 = Manual mode)

Pro-edition has additional start-up settings, like:

- Start in minimized mode
- Start in tiny mode (all buttons hidden)
- Or both
- Automatically start video feed

Automatically start video

Pro-Edition users will be able to activate the video-stream at start-up from within Setup.

- **This will start the video stream automatically when running AvaCam**

Note: you can start Avacam by using the command-line parameter:

/record start recording

/start start video feed

Select Your Video Devices

Select your video device

or video device not listed

AvaCam supports any video device like webcams, capturing devices (usb video), camera etc.

The default device can be selected using the Setup (and by saving the Setup allowing AvaCam to use the selected device as default). Or you can click the small rectangle button-like shape in the main screen (left side buttons under Setup-button). It will show you a list of installed devices.

My video device is not listed?

If you do not see your device listed then it is probably to be found under "Microsoft WDM Video Capture". This will always be shown in the device list from where you can activate the desired device. Or the video device is not installed properly or connected. Often the last tab shows the possibility to change device.

About Avacam

What is new and History

About AvaCam

The easiest to use full featured WebCam tool to view your WebCam(s) or whatever video device you have installed (not just webcams) on your PC. A complete WebCam program designed with a intuitive user interface that makes AvaCam easy to use. Automatically save pictures on any interval, view, print, copy and edit your snapshots and view the video full screen! Resize the video source to any size you want (also full screen). Possible to save images using motion detection! Record video and save them as AVI-files (using any compression available) to your hard disk. Setup your video device with all available features your device has. Release photographic effects on your snapshots, improve snapshots quality drastically with ©RGS-Avance Enhanced Gamma blending and much more!

AvaCam can be used with more than one video device and allows Remote Monitoring using FTP!
And yes, it's still easy to use!

AvaCam is NOT public domain, it is Freeware and Donationware if you want!

The author keeps the copyright and all other rights.

The program can be used without registering and is fully functional, but if you want to make a donation to support this or other AvanceSoft projects then please do so. To buy the Pro Edition and to support the AvaCam project please send a donation of only 12 dollars.

You can donate via PayPal, by post or our bank account.

To show our appreciation for your donation we'll send you a special life time valid key which will unlock several extra options and turn your copy into the Pro Edition! Free updates!

History

Version 1.0

- The mother of all (AND future) versions
- Some limitations in options (shareware)

Version 1.1

- Now Freeware
- Change button colors
- Change background color
- Application error when no devices were found: fixed!

Version 1.2

- Sometimes the Help could not be found: fixed
- AutoSave Interval did not always work: fixed!
- Save Settings confirmed
- Drop down pre-set Auto-Save Interval list added
- New contact e-mail address added
- And a few minor bug fixes

Version 2.0

- Motion detection! Takes snapshots when motion is detected.
- Record Video with any available compression!
- Viewer improved and enhanced with:
 - Saving edited images in Viewer
 - One-click photo effects:
 - de-speckle/smooth
 - sharpen
 - invert
 - flip horizontal
 - flip vertical
 - greyscale
 - brighten

- darken
 - colorize plasma
 - Enhanced Gamma Blending (drastically improve image quality by merging two or more of the same images = Astronomers tool)!!
 - o Shows in a label the original image size in pixels
 - o Open selected file with IrfanView in Viewer
 - o open folder in viewer of last used save option
 - o view saved and/or recorded videos (AVIs)
- If Irfanview is installed on your PC, Avacam enables option to copy to Irfanview automatically implemented (also in right click mouse options too)
 - Right-click Copy-button will copy image to IrfanView AND Clipboard
 - Button to quickly select between available video devices
 - Audio format setup
 - Enable/disable/change side logo, picture, text with a gif-image when viewing enlarged or full screen
 - Filenames saved by AutoSave- and MotionSave features can be changed
 - Autosave and MotionSave snapshots filenames optional with counter instead of date/time stamp
 - Confirm setup changes to save first time you change something to the settings
 - New button styles (8 styles), new slate blue color and improved default colors
 - Save As new options included: as image seen on screen (stretched): Select option in Save As dialog: BMP Bitmap Files AvaCam Screensize & JPG Picture Files AvaCam Screensize
 - Added shortcut keys
 - Improved control multiple cams
 - Title bar shows active mode (autosave, timer save, motionsave, recording etc...)
 - Message when saving snapshot, edited picture in viewer and saving setup
 - Fit/size/stretch switching gave sometimes unexpected results: fixed
 - During resize to full screen and restore gave flickering: fixed
 - Refresh (framerate) can be now be set lower then 10ms (25ms default instead of 100ms)
 - General debugging and improved error trapping for increased stability
 - New in Pro-Edition only:
 - o Increase/decrease contrast (steps of 10% ,right-click = decrease by 10%)
 - o Set sensitivity of motion detection and focus range
 - o Activate autosave or motionsave with start and stop times (all automatic)
 - o Hide title bar in full screen view
 - o Set maximum and minimum pictures save limit up from 1 to 99999 instead of 9999
 - o All AvaCam paths/folders can be changed with ease using build in explorer

Version 2.1

- Viewer corrected and enhanced with:
 - o New: right-click in file window popup-menu -> Run Windows Explorer from here
Open in MediaPlayer
Open in MS-Paint
 - o New: play recording inside Viewer or open with Mediaplayer
 - o Correction viewer blend frame
 - o Time stamp abbreviated year (2008 -> 08) to keep filename shorter
 - o bug: error when selecting folder and/or no image was in the viewer and a graphical effect was chosen
 - o In some cases MS-Paint was not found on Win 95/98 machines
 - o Recordings were played instantly when selected. Now with double click or play-button
 - o Open recording with Irfanview did not work: fixed
 - o After delete option-buttons stayed enabled: fixed
 - o Prevent multiple-clicks on button when processing graphic tools.
 - o "Delete all" gave an error when there was no jpg and bmp file(s) present: fixed
 - o "Delete All" did not delete all avi's: fixed
 - o Some user-defined programs could not open BMP-files (PSP): fixed
 - o "Rename" gave sometimes errors. Improved error trapping, default filename.

- Other minor bugs fixed
 - Print always showed contents of main screen not the contents of the Viewer's screen: fixed
 - Setup-> bug: video and motion folders were switched
 - Copy/Paste text while AvaCam was running did not work
 - Setup -> Pro -> Browse path starts in appropriate folder by default
 - In main window the option-tag "Normal" changed to "Manual"
 - Sometimes recordings didn't save in the proper folder when a space was in the AvaCam folder-name
 - "Problem Saving Pictureframe" occurred when saving JPG (GDIPLUS.DLL)
 - New: resume live feed (preview) after recording stops
 - 'show dialog "Recording stopped" after user stops recording
 - And other minor bug fixes.
- Special thanks to Greg Gill who contributed and beta-tested v2.1!*

Version 2.1.1 Bug fix

- 'Viewer bug-fix: open in Irfanview did not copy the active image from the Viewer to Irfanview, instead it sometimes copied the last frame active in the main window.

Version 2.2

- New in Viewer: show the File Properties when right-click file
- New in Free- and Pro-edition: set initial mode when running AvaCam (Manual, AutoSave or MotionSave selected automatically)
- New in Pro-edition only: AutoStart video stream on startup
- Bug: AvaCam's side logo was shown when using full screen mode: fixed
- New: Mini mode-> (option "Hide buttons" when right-click in video window): just view the video without any buttons or options showing!
- New: control AvaCam using Function keys and other shortcut keys:
- Function key F3 to save snapshot, F2 start video, F10 stop video or recording (see manual for more shortcut keys)
- Viewer bug-fix: Open in MS-Paint did not load the active or updated image from the Viewer-window
- Viewer bug-fix: Open in Irfanview did not copy the active or updated image from the Viewer-window
- Viewer bug-fix: Open in External Editor did always loaded the updated image from the Viewer-window
- Increased speed of image editing tools
- Extended help
- Several minor bug fixes

Version 2.3

- New: Burst mode = save 10 frames in one click (take a 10 frame snapshot and saved in snapshot folder. Example: 'Burst19-08-08 14.44.09_frame0001.jpg)
Burst has replaced the copy button (copy still available in right-click options)
- New: in Viewer-> delete files with DEL-button (no confirmation dialog allowing fast deletion of sequential files)
- New: in Viewer-> size in KB is also shown next to the size in pixels
- New: Disable video compression dialog (shown when recording so user can choose the compression format). When disabled the raw (uncompressed= largest but best quality) format is used.
- New: right-click options enables user to start Recording (ideal if Avacam is in Hidden Buttons mode hence Tiny mode)
- New Pro Edition feature: Write system date & time direct onto the images (JPG/BMP) that are being saved (except in Save As...). Option in setup: "Embed Date & Time onto images"
- bug fix: prevent (right-click) popup-menu options to freeze
- bug fix: forces the main viewscreen to fit the size of the window if larger then default (after restart)
- bug fix: when closing AvaCam when it was maximized the position and viewscreen was not restored

- bug fix: always showing logo after leaving Setup, even if size of screen was too small
- bug fix: resized window does not fit video screen after restart:
- bug fix: Viewer-> bug in showing the duration of the video
- bug fix: Viewer-> Clipboard copy -> did not always copy the contents of the viewer
- core improvements for smoother action
- and other minor changes and fixes

Version 2.3.1

- Priority update: There was a problem with the Motion picture folder when installing Avacam for the first time (or in case of an update and you installed it in another folder). This caused problem with saving Motion detection pictures.
People using v2.3.0 can resolve this issue by simply deleting the avacam.ini
Pro-edition users can fix it also by entering Setup and browsing to the correct folder
- Other minor similar issues fixed

Version 2.3.2

- New: start Avacam minimized (Pro)
- New: start Avacam with buttons hidden (tiny mode) (Pro)
- New: Start-up command-line parameters (also overrides any initial settings):
/reset when problems with setup or to restore to defaults
/start force avacam to start feed (pro)
/deviceX force to use device X (0...9, example: /device2)
/minimize minimize avacam (pro)
/tiny hide buttons (pro)
/record start recording
- Tiny mode (hide buttons):bug fix: restore avacam normal size if smaller then smallest video size
- Save as: bug fix: crash when no image to save + check for correct extension, if any
- and other minor changes and fixes

Version 2.3.3

- New: "Save As" default folder can be specified (Pro-Edition -> Setup)
- New: "Save As" default way to save pictures: true size, AvaCam screen size (manual set in ini-file)
- New: quick access to Desktop and My Documents folders in the Setup browser
- New: set the maximum frames/pictures per second to be saved when activating "Burst" (all versions)
- Fixed the delayed "save-as" button issue: (image saved was the last captured, not the one when executing "Save As")
- Automatic detect upgrade: your settings are NOT lost when installing new version over the old one.
- Installation option: clean install
- General revision

Version 3.0.0

- Major Bug fix: program freezes when it lost focus (switching to another application) during recording.
Totally re-coded Recording module for smoother and much more stable recordings!
- New: Stay On Top > to allow AvaCam to stay on top on your desktop (ideal when using mini mode)
- New: Video size is shown in the "Video Size" button
- New: Pressing Viewer-button places current screen into the Viewer automatically
- New: Disable/enable audio capture during recording (Setup)
- New: Use last selected path when using Save As (unless other is specified in INI Pro-Edition)
- New: sounds:
Play camera shutter sound when using Snapshot-button (can be disabled by deleting the file sound1.bin). Registered can copy user1.wav in the AvaCam folder to use their own sound effect.
Play camera burst sound when using Burst-button (can be disabled by deleting the file sound2.bin). Registered can copy user2.wav in the AvaCam folder to use their own sound effect

- Print module totally recoded, debugged and improved with:
 - Margins
 - 5 paper formats (also letter and legal)
 - shows portrait/landscape AND paper size in real-time preview
 - save all print settings including the print window dimensions and position
 - restore to default
- New in Viewer:
 - run explorer with icon
 - right-click options in Viewer
 - two extra video control buttons: go to end of video, go to start of video
 - properties, Refresh buttons added
 - deleting a file selects the next file in the file List automatically (easier sequential deleting)
 - re-arranged some buttons for easier usage
 - bug fix: refresh/update when changing path/drive didn't always work
 - Disable Confirmation on Delete
- Last folder or option used in main-screen opens associated folder in Viewer
- New during recording: "recording" flashing
- New: The motion detection sensitivity levels are increased to 7 (instead of 4)
- Tooltip Burst mode now showing the correct total burst frames
- Setup options re-arranged for easier access
- Save As: type file 'AvaCam Screensize' is now named as 'Scaled Size'
- Improved error trapping and extensive debugging
- Bug fix: rarely failed to connect to the device at first start
- AvaCam shows 'No Connection to Video Device' if applicable
- Change record streaming thread
- Installation now includes an easy uninstall-icon in the program group
- Some "cosmetic" changes
- and debugged too many things to mention here

Version 3.0.1

- Date format changed to YY-MM-DD to allow proper sorting according to saved date
- Bug fix: on some systems the recording stopped after 23 minutes. Fixed (unlimited)

Version 3.1

- New: AvaCam Remote Monitoring: FTP access! Automatically upload images to any server on the Internet, LAN, etc. Ideal for remote monitoring and surveillance!! Remote viewing HTML-example is included (pro).
- New: sound when taking AutoSave pictures (pro)
- New: sound when motion detect (pro)
- New: enable/disable sound of Snapshot, Burst, AutoSave, MotionSave (pro)
- New: Viewer now has a quick access button to open "My Documents" folder
- New: Slide show in Viewer (timing between images can be set from 10ms to 10seconds). To "remember" the last timing setting you will need to go to Setup and save the settings.
Tip: Ideal for viewing a large collection of saved pictures as a movie when using small intervals.
- New: in AvaCam.ini section [SaveConfirmation] when set to 1 a save confirmation dialog will be shown in 'MotionSave' when a motion is detected.
- New: in Avacam.ini section [NoInfoDialog] when set to 1 no dialog will be shown during SnapShot save (also during Burst Save, Ending Recording, Errors etc.)
- bug fix: minimizing Avacam in "tiny mode" whilst enabling "minimize" showed Avacam's titlebar only: fixed
- bug fix: AvaCam sometimes "forgot" its size and position, hence not always recalling the correct dimensions even after saving: fixed
- bug fix: when capturing was stopped the current image was not copied into the Viewer

Version 3.2

- The 640x480 limit –almost- busted...Now supports most types of high resolution CAM's! Any found high-res devices are stored in a text file that allows experienced users to experiment with their cam's –hidden- capabilities.
- New in Setup: select the way that Avacam tries to find available high resolutions of a device

- New in Viewer: Zoom!
- Motion detection improved with: (pro)
centre focus of movement now has higher accuracy
trigger modes: 6 new focal points of preference in the image added (trigger modus)!
- noise reduction filter
- New: Snapshot shortcut key added: ctrl+alt+c and F3
- New: True size of the snapshot is shown in the Viewer
- Using "Save As BMP" could sometimes cause error 380; fixed
JPG True size" : could cause no true size image to be saved when selected; fixed
When no filename is used a default filename will be shown
Last used bitmap type is remembered
Sometimes a small copy of the picture was shown inside the picture after saving using "True size"; fixed
- Save date/time stamp default format removed space with underscore_ , and date format issues fixed
- Renewed Side logo and changeable in pro-edition
- Windows 7 compatible
- Deleting a file in the "Viewer" causes Avacam to freeze; fixed
- Left Side Text logo issues fixed. Pro-users can add their own!
- Some help-issues fixed
- And other minor bug fixes

Version 3.5

- New: Record Video on Motion! (Pro-Edition)
- Avacam Settings: Section 'Initial Start Mode' Hide buttons is now named Mini Mode
Section 'Avacam Folders' Motion recording folder added (Pro)
Record On Motion: time to record when motion is detected (3...999 seconds)
- Faster start of the video device
- New: Separate button to activate 'Tiny Mode' (mode without buttons)
- Size of video that is shown on the button was not always the size of the selected CAM (switching between CAM's): fixed
- Error Message window would not be displayed unless AvaCam is on primary monitor (multiple monitors): fixed
- Paste bug partially solved (stream source buffer clipboard or IDE)
- Bug fix: option buttons stayed enabled even when no device is found: fixed
- New: right-click on Burst-button allows you to change number of frames/second in one burst
- New in Viewer : zoom button (was solely right-mouse click option in previous versions)
: increased useful view (also for the zoom)
: progress bar to indicate the progress of the filters
: Save button on files selection
: Blend function can be canceled (restore back to original image)
- Bug in Viewer: some options disabled the edit functions: fixed
- crash on some photorealistic filters when picture was too large: fixed
- Pause stream when Viewer is opened (speeds up photorealistic filters if applied)
- New: Select stream source buffer (advanced option; Clipboard, IDE)
- Extra buttons color (Windows default button color)
- Canceling in Setup did not always function: fixed
- Now including a manual in the popular PDF format
- And other general improvements and minor bug fixes

Version 3.5.1

- Pro: Change the description of the time/date stamp (default caption is AvaCam)
- Bug fix: prevention of resizing AvaCam smaller than the minimal practical format
- IDEReadFout error is trapped when there is an error reading the file from disk in IDE mode
- Advanced: [TempBufferFileAndPath] in avacam.ini also allows drive specification only (example C:)
- Bug fix: When motion-recording was chosen the viewer did not automatically open the appropriate folder

- Bugs fixed when using Save As...:
 - ' bitmap extension is added to the filename if non-existent
 - ' last bitmap type is remembered
 - ' bitmap extension is correctly changed if another bitmap type is selected
 - ' New: a sequential file number is added to the filename if the same filename already exists
 - ' Default the true size of the image is used when saving (can always be changed to Scaled Size in the File Dialog = size of Avacam screen)
- In manual tips for speed improvement when using IDE mode

Version 3.5.2

- New in FTP: bmp format allowed (by renaming the file extension from .jpg to .bmp in the FTP setup window)
- Bug fix: Almost unreadable embedded time and date stamp in the FTP upload image: fixed
- New: automatically check for updates (menu Setup)
- Saving Setup is now done by simply pressing OK (making 'Save Setup' button obsolete)
- Some minor FTP related debugging

Version 3.5.2b

- minor bug fix: auto check for updates was disabled even if user enabled the option

Version 3.6.0

- New: AviC! The Avi Creator wizard:
 - Now Avacam comes with a build-in image compiler to make a time-lapse video from your pictures in easy 3 steps!
 - You can set the frame rate (timing in ms), color depth and compression of the video.
 - AviC is added in the Viewer and as a separate stand-alone program
- Bug: always saved ftp file with name 'ftplmage.jpg' (bmp mode was ok, bug occurred in jpg mode only): fixed
- Now FTP filename can be a filename only or a filename with a complete path (example: avacam.jpg, c:\avacam.jpg)
- New: Embed Time/Date stamp Font size (in AvaCam.ini the font size of the time/date can be specified to be applied to the (ftp) image)
- New: Embed Time/Date stamp Font Bold (also to be set manually in Avacam.ini)
- New: Embed Time/Date stamp Font Name (also to be set manually in Avacam.ini)
- FTP mode is shown in the title bar of AvaCam (clearly specifying when you are in FTP mode)
- When installing a new version some settings were put back to their defaults: fixed

Version 3.6.1

- Internally the AvaCam.exe file was not set to its proper version nr: fixed
- When saving a video the filename was named to Cam0001avi instead of Cam0001.avi: fixed
- Avacam default installation folder now set back to ...\\Program Files\\Avacam instead of c:\\Avacam

Version 3.6.2

- Setup screen is reduced in size to fit small resolutions, like for example on some netbooks which. The setup window will fit in a resolution of 800x600
- Bug fix: After recording a video the picture goes into true size (fullscreen) within the main window, when the Fit/Stretch option is checked: fixed
- Minor bug fix: "Burst" mode always took one picture too many. Fixed.
- Sometimes the video device wasn't found at first start: fixed
- One button (the tiny button under Setup-button) was not updated to a new style: fixed
- The Viewer button is now named Viewer/Edit
- New main icon, and includes a larger resolution icon AvaCamIcon.ico (Win7/8)

Version 3.6.3

- bug fix in the date of the saved files: when the day was higher then the month the format YY-MM-DD was not respected: fixed (thanks to Terry Roediger)
- Bug fix Windows 7: Avacam did not always removed itself from the processes: fixed
- Bug fix Windows 7: Before pressing Start and after entering Setup or Viewer you could not connect to the device ("No Connection to Video Device"): fixed (thanks Terry)

- Setup screen is center positioned on Avacam
- Some other minor debugging and cosmetic changes

Version 3.6.4

- bug fix: recording length was limited when Motion recording was not enabled
- Viewer/Edit button now named Open/Viewbug
- There is also a Window95/98 download available

Version 3.6.5

- Priority update;
bug fix: motion save did not work; started motionrecord instead. Fixed

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Closing words

Even more functionality with Pro-Edition Features

- Remote Monitoring with FTP! Automatically upload images to any server on the Internet, LAN, etc
- Embed date and time stamp into your snapshots (autosave, motionsave, snapshots...) and change stamp description!!
- Set Motion detection sensitivity (comes with 8 pre-defined sensitivity settings)
- Motion Detection focus settings (also 8 possible settings)
- Motion Detection Noise Filter
- Recording on Motion detection!
- AutoSave Timer: Set start- and stop time for timed activation to start recording/autosave/motionsave
- Hide title bar in full-screen mode!
- Limit the amount of AutoSave/motionsave pictures 0...99999
- One-click multiple sessions of AvaCam
- Define your own favorite viewer or paint program or use build-in one
- Define AvaCam's save folders of the Autosave-, MotionSave and Video recording functions
- Edit snapshot pictures.
- Increase/decrease contrast (steps of 10% ,right-click = decrease by 10%)
- Set sensitivity of motion detection and focus range
- Easy setup of initial start-up mode (Manual, AutoSave or MotionSave selected automatically) No INI-file changes needed anymore!
- Enable or disable AutoStart video stream on startup
- Minimize Avacam on start-up
- Show AvaCam in tiny mode (hidden buttons)
- Audit a sound (default female voice) informing you a AutoSave or MotionSave has been initiated.
- Replace sound effect files with your own
- Start-up path when using 'Save As' can be specified
- Compile unlimited length videos in AviC!
- Change font, font size, font bold of the embedded date and time stamp!
- And more...



Did I mention that only \$12 gives you all these Pro-Edition options and all future updates and new versions free for LIFE.

And a special thanks to those who mailed me their AvaCam comments, bug-reports, support and suggestions.

Special thanks to the AvaCam beta-testers!!!

And to last but not least: to all who are using AvaCam!

AvaCam SUPPORT

If you have questions, want to stay in touch on the latest developments and updates or if you want more info about anything related to AvaCam please visit our website: <http://users.belgacom.net/rgs> or find answers, report bugs, get informed on the newest updates at <http://tech.groups.yahoo.com/group/rgsavance/>

Our mail: Avancesoft @ skynet.be

Enjoy AvaCam and thank you in advance,
Guy