

**0719d800-0**

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	<i>TITLE :</i> 0719d800-0		
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WRITTEN BY		May 28, 2025	

<b>REVISION HISTORY</b>
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# Chapter 1

## 0719d800-0

### 1.1 LiveCam - THE LiveCam for the AMIGA

LiveCam 1.0

© 1997-98 by Felix Schwarz

A fully automated livecam for CyberGraphX and the VLab-digitizer ..

Introduction    What is it ?  
Requirements    What do I need to run it ?  
Usage~~~~~    How can I use it ?  
Disclaimer~~    #include <std disclaimer.h>  
Future~~~~~    What is planned ?  
The~author~~    Who wrote this ?

If you want to use LiveCam permanently, please read the disclaimer!

### 1.2 Introduction to the LiveCam

Introduction

Well, a LiveCam is a HTML-page on the web containing a picture that is updated every xx seconds. There are LiveCams everywhere all over our planet and you could add one. What you need for that can be read here. LiveCam allows you to make an Amiga-based LiveCam with a lot of comfort. I haven't seen any other programs for that on AMIGA (I also didn't search), so I think, this might be the only LiveCam for the AMIGA and this program has some special features like realtime-zooming, that do IMHO not exist on other platforms (?) anyway :) But now enjoy LiveCam!

- Felix

### 1.3 What do you need for running your LiveCam

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## Requirements

LiveCam needs the following hard- and software:

### Hardware

- Any Amiga
- A CyberGfx-compatible board, that can display more than 8 bit (e.g. 15, 16, 24 bit).
- Any VLab (Y/C, Classic, par..)
- some megs of fast-ram (the more, the better! LiveCam doesn't check whether enough is available, but in standard-setup it needs around 1 MB for itself)
- PowerUP-board (not needed, but for ultimate speed!)

### Software

- Amiga OS 3.x
- CyberGfx
- This package ;-)

## 1.4 Usage - How to use the LiveCam

### Usage

There are only five buttons to explain, so this is quite simple:

- Left checkbox  
This enables the LiveCam to digitise a preview
- Right checkbox  
This enables the LiveCam to save the made previews as a JPEG-files. You can specify the location to save the JPEG-files in the tooltypes.
- Cycle-Gadget  
You can choose your input here, so you can switch between several sources. LiveCam also supports several VLabs in one AMIGA, so there is no problem to switch between several cams.
- Button "<"  
You can zoom in a part of the video-signal with this. Just click on the button and "cut" out a box out of the display, as you would do it in DPaint when cutting out a brush.
- Button ">"  
This switches back to full-screen display.

Somes other notes:

- the saved JPEG has the same size as the preview on your screen in the window
- you can change the file, LiveCam shall save the JPEG to in the tooltypes ↵  
under  
LIVECAMJPGFILE.
- a "ready-to-start" config is in the LiveCam-drawer. Simply drag the drawer to a directory on your HD (writing must be possible), switch on both check-boxes and load HTML/index.html with your favourite browser.. now enjoy your livecam ↵  
:)
- There is an 040-version of "cjpeg" and "djpeg" called "djpeg.040" and "cjpeg ↵  
.040".  
If you want to use them, simply delete the old ones and replace them with the

FPU-versions. There is also an PowerUP-version of the JPEG-saver called cjpeg ↵  
 .PPC.  
 rename it to cjpeg.. BUT: You need V45.13+ of ppc.library with installed ↵  
 ElfLoadSeg-  
 patch to run the PowerUP-Version!  
 - You can preset the input-channel in the Tooltypes under DEFAULTINPUT.

#### Usage with WWW-Servers

If you want to use this program together with WWW-Servers (e.g. your homepage, when you are online), try FTPMount to mount a (also password-protected) FTP- ↵  
 Server  
 as a device in your system. Configuration can be done within minutes! But the ↵  
 faster  
 method with more updates is to install a WWW-Server on your machine (e.g. AWS) ↵  
 and  
 use LiveCam with it. This is a bit more difficult, but can also be done within ↵  
 some  
 minutes :)

#### Configuration via Tooltypes

LIVECAMJPGFILE

Set the JPEG-file to be saved, here.

DEFAULTINPUT

Set the default-input of your VLab here.

WIDTH

Set the default-width of the picture here.

HEIGHT

Set the default-height of the picture here.

FIXEDWINDOW

Disables possibility to scale the window when set.

DELAYSEC

Sets a delay for saving frames - useful, if your machine is too fast and your line too slow.

JPEGQUALITY

Set the quality for the saved JPEGs here - a lower worth makes smaller files with worse quality.

JPEGBIN

Set cjpeg for 68000-68030 and cjpeg.040 for 68040/68060 and cjpeg.elf for PowerUP-boards.

## 1.5 Disclaimer - Read this!

### Disclaimer

LiveCam is Onlystaticpayware. This means if you use LiveCam only when you are online to show some friends, what's possible with the Amiga, you have to pay nothing. If you use LiveCam and you are permanently online all the time or if you have a static IP, you MUST pay a fee of 50 DM/33 US\$ to the author, otherwise using LiveCam

is illegal and strictly prohibited. Send the money to the author and you may use LiveCam on your machine.

The author can not be made responsible for damages of any kind that was caused by using or not using LiveCam or any other program. You may not spread this program in any way without permission of the author, Felix Schwarz. Damages include (but are not limited to) loss of data, loss of connections and loss of money.

## 1.6 Future plans for LiveCam

Future

Well, I'll think you'll tell me what you are still missing :)

## 1.7 The author - the great master of programming ;-)

The author

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