



FlyCAM-SD

SD Camera 1.3M Pixels



SD Camera 1.3M pixels with Flash Light for Pocket PC

FlyCAM-SD 1.3MF is a PDA camera compliant with SDIO interface. It is the first SD-camera solution in the world with Flash Light and 1.3 Mega pixels. With the FlyCAM-SD 1.3MF you have the ability to take snapshots and record video. It turns your PDA not only to a digital camera, but also to a Digital Camcorder. You can immediately watch your recorder video and send it out by e-mail. Or transfer them to your desktop PC, and watch the Microsoft Media Player.

Features

Live Video Preview

- The frame rate of display on PDA is up to 30fps .
- The live preview window size is from 160x120 to 320x240 (Full screen).
- Self-view / portrait / landscape display mode
- Full screen display at 320x240 landscape (240x320 portrait)
- Real-time Video quality adjustment in Brightness, Saturation, Contrast, Hue
- Image quality adjustment in Environment, Exposure, Edge

Snapshot Still Images

- Supports to capture still images in JPEG, BMP, and GIF image formats.
- Browse photos in Thumbnail view mode
- Image size from 320x240 , 640x480 and 1280x1024 at 24 bit true colors.
- Self-timer from 1 to 15 seconds
- Built-in Flash Light

Record Full-Motion Video

- Frame rate of captured video is up to 30 fps .
- Allows user to convert the captured video files to GIF animation format for greater portability.
- Thumbnail window for convenient video clip browsing and selection.
- Supports complete control of video playback on Pocket PC .
- Able to record AVI file (sync with audio) on Pocket PC and playback the AVI file on desktop PC by Media player without any conversion.
- Able to Send Video via E-mail by one-touch button.
- Customized hardware capture button.

Package Contents

- FlyCAM-SD camera
- User's Guide.
- Driver and Utility CD

Bundled Software

- IA Capture
- IA Album
- IA VideoMail

Specifications

- Interface : SDIO 4 bit
- Image Sensor : CMOS sensor 1.3M pixels
- Lens : 1/2" ; swivel Lens 210°
- View Angle : 54°
- Focus : Manually focus adjustment
- Viewfinder : built-in optical viewfinder
- White Balance : Auto
- AGC control : Auto
- Exposure : Auto
- Flash Light : Built-in ; Software Control
- Video preview
 - Frame Rate : 30fps
 - Video Size : 160x120 , 180x136, 320x240 120x160 , 136x180, 240x320.
- Video recording
 - Frame Rate : 30fps
 - Video Size : 160x120 , 180x136, 120x160, 136x180
 - Compression : Motion-JPEG (MPEG-4 is optional)
 - File format : AVI (sync with audio) ; GIF; IAV
- Snapshot
 - Image Resolution : 320x240 , 640x480, 1280x1024
 - File format : BMP; JPG; GIF
 - Color depth : 24bit colors
- Regulation : FCC ; CE ; VCCI

Supported PDA

- Pocket PC (HP 5450 recommended)
- OS : Microsoft Pocket PC 2000, 2002 or 2003
- CPU : Intel Xscale,
- PDA with available SDIO slot
- Free system memory minimum 3MB

The specification is subjected to change without notice.