



USB Turbo 2.0 Web Cam

Technical Specification Sheet

USB 2.0 offers a 480 Mb/sec connection speed. This fast data transfer speed means the Turbo 2.0 camera transfers the video from the camera to your PC without any video compression. No video compression coupled with a high quality CMOS and a commercial grade glass lens all combine to bring you the highest quality video from a desktop camera.

Features:

- USB 2.0 Desktop Camera
- Capture Motion video at up to 640 x 480 @ 30 fps
- Backward compatible to USB 1.1 (160 x 120 resolution)
- SnapShot button for Still Image capture
- Durable metal Tri-pod Mount – mount to any standard tripod
- Includes adjustable desktop tripod with extendible legs for stable positioning of camera
- Compatible with Microsoft NetMeeting, Windows Media Encoder, Movie Maker, Yahoo Messenger, IVisit, Video Studio 6 and many other video conferencing and editing applications.

CMOS Image Sensor

- Hynix HV7131E1
- Single chip color image sensor with 8 bit ADC
- 640 x 480 @ 30 frames per second
- 644 x 484 effective pixel array
- 1/3 Inch optical format
- High efficiency R/G/B color photo sensor
- Clock speed up to 15 MHz
- Low light sensitivity: 1.7V/ LUX.
- Automatic Gain control
- Anti-color blooming circuit
- Auto or manual White Balance

Lens:

- Glass commercial grade lens
- Wavelength: λ - 400-700 nm (color)
- Focal Length: f – 6.0 mm
- Field of view: 52°



Digital Video Camera Controller:

- USB Transfer: High Speed Isochronous, up to 24MB/sec.
- USB Isochronous 8 bit mono audio up to 8 KHz..
- Supports ITU CCIR 656 YUV 4:2:2 8 bit video input
- Supports 640 x 480 @ 30 fps of uncompressed streaming video
- Software image enhancement filter
- Host Interface: USB 2.0 compliant
- USB Bus Powered
- Interface to Philips ISP1501 USB 2.0 transceiver
- Supports USB remote wake-up

Software Controls:

- Resolutions supported: 160 x 120, 320 x 240, 640 x 480
- Brightness, Contrast, Hue, Saturation, Sharpness, Gamma settings
- Flicker Reduction - 50 Hz, 60 Hz, Outdoor
- Image Vertical Flip, Image Mirror
- Exposure Control - Auto, adjustable or Low Light settings
- Picture Quality – Speed vs. Quality adjustment
- Auto White Balance On/Off

Applications:

- Video Conferencing
- Still Image Capture
- Video Chat
- Video e-mail
- Live Streaming Internet Web Cam
- Hundreds of personal and business uses!

Software bundle:

- ISPQ Video Chat software
- Teveo – Live Internet web cam software
- Yahoo Messenger
- Net Meeting
- MSN Messenger
- IVisit – 30 day trial



Product Name: USB Turbo 2.0 Web Cam
Part Number: USBX-2020
SKU: 757887-20210-1
Mini Case Qty: 4
Master Case Qty.: 16

ADS Technologies, Inc.
Cerritos, CA. USA
800-888-5244
562-926-1928
562-926-0518 Fax
www.adstech.com

ADS Technologies, Inc.