

## Unleash the power of visual communications through unparalleled crystal-clear HD video and audio

The FV TouchCam™ E1 delivers the ultimate video chat experience like no other - LiveHD™ 1080, HD 720p 30fps video calling, superior audio by conferencing - class dual microphones, 28mm wide angle, and a universal base fits on all monitors - providing you a complete HD video calls solution in one single device. We believe that it is the ANSWER to your visual communication needs.



# FV TouchCam™ E1



**VideoCam for True HD Video Calls for Laptops and PCs**

- Enjoy live HD video calls up to 1080 with QuLives™ anytime anywhere
- Get more done with real 720p HD video calls over the internet
  - 16:9 widescreen 720p 30fps video calls
- Wide-angle glass elements with superior color quality and auto-focus
  - Native 2MP HD sensor, Auto focus, 28mm wide angle, AR-coating glass lens elements
- On-board video encoding keeps your computer running fast
  - Built-in turbo H.264 encoder chip
- Incredible Sound
  - Dual Built-in microphones deliver outstanding sound quality
- Fits on any monitor
  - Flexible universal base adjustable to fit any laptop or flat-screen computer display



# FV TouchCam™ E1

## VideoCam for True HD Video Calls for Laptops and PCs

### VideoCam Features

Sensor Effective Pixel	2 megapixel
Video Output Size	4:3 Full HD, 16:9 HD, VGA, CIF, QVGA
Output Format	H.264, MJPEG
Frame Rate	720p, H.264, 30fps
Autofocus	Yes
Conferencing quality dual unidirectional microphones	



#### Lens

- 2G3P, VCM Auto-focus
- Depth of Focus: 10cm ~ infinity
- Aperture: F/2.0
- FOV: Up to 75°

#### Sensor Effective Pixel

- 2 megapixel

#### Video Output Size

- 4:3 Full HD, 16:9 HD, VGA, CIF, QVGA

#### Video Format

- H.264, MJPEG

#### Frame Rate

- 12fps at 4:3 Full HD (1440 x 1080) with H.264
- 30 fps at HD (1280 x 720) with H.264
- 30 fps at VGA (640 x 480) with MJPEG

#### Microphone type

- Unidirectional dual microphones

#### Frequency

- 100-12000Hz

#### Sensitivity

- -47dB+/-4db
- SNR
- >60dB

#### Dimension

- 100 (W) x 45 (D) x 60 (H) mm

#### Weight

- 90g

#### Indicator

- White LED
- ON: Camera power on
- OFF: Camera power off

#### Interface

- USB2.0 High speed

#### Cable

- 120cm

#### Power supply

- 5V (USB bus power)

#### Operating temperature and humidity

- 5°C to 35°C (41°F to 94°F) ambient temperature
- Up to 90% relative humidity (RH)

#### Storage and transport temperature

- -20°C to 60°C (-4°F to 139°F) at relative humidity(RH) 10% to 90%

#### Compliance

- FCC/CE/BSMI
- Others(upon request)



for superior video communications and sharing experience

#### Best-in-market video IM

- Enjoy best-in-market video call clarity and smoothness under different network conditions with adaptive rate control and error concealment - HD 720p video call quality at 512kbps is not a dream anymore
- Choose the optimal resolution and FPS combination for yourself during video calls with on-the-fly resolutions (1080p/720p/VGA/CIF/Voice) and FPS change options

#### More than video calls

- Record video and capture snapshots during video calls
- Enable video calls auto pickup for selected buddies

#### Communications

- Google Talk XMPP

#### Networking Protocol

- RTP/(SRTP)

#### Audio Standard

- iSAC
- Support 8, 16, 24, 32, 44.1, and 48 KHz audio sampling frequencies



#### System requirements

- QuLives™ (Google Gmail account required), included in this package and downloadable at <http://www.facevsn.com> per registration, installed on both caller and receiver sides
- Both sides using faceVsn™ products (FV TouchCam™ series or FVexpress™ series)
- Minimum CPU speed: Intel Core2Duo 2.0GHz or AMD equivalent CPU processor, with 1GB RAM and 200MB hard disk space, on both sides
- Operating system: Microsoft Windows® XP(SP2), Windows® Vista™ and Windows® 7
- Minimum screen resolution: 1024x768 or above
- Minimum internet bandwidth: 800kbps for 720p 30 fps, 384kbps for VGA 30fps
- Video call quality (resolution and fps) may vary depending on end users internet bandwidth, lighting and CPU processing conditions

### About faceVsn™

faceVsn Technology (FVT) is the global leader in pioneering solutions that empower consumers and SMEs with true-to-life HD video communications experience over public and private internet. Armed with HD codec know-how and embedded systems design expertise, faceVsn offers a full range HD solutions including VideoCams, universal video processing units (FVexpress™), and full function set-top phones (FVfone™). Together with its partners around the world, faceVsn delivers and enhances video communications for users worldwide. Other than Taipei headquarters office, there are three other branch offices in US, Hong Kong and Mainland China.