

# AVer CAM520

## Specifications

### Camera

**Sensor:** 1/2.8 low lux CMOS 2M pixel

**Frame rate:** 1080p, 720p, 1024x576, 960x540, 848x480, 640x480, 640x360, 424x240, 320x240, 320x180

**Scan:** Progressive

**Lens zoom:** 12x true optical zoom

**Lens focal length:** 3.9mm (wide) ~47.3mm (tele)

**Lens F-stop:** 1.8 (wide) ~ 2.8 (tele)

**Iris, AE:** auto; manual override by PTZapp

**White balance:** auto; manual override by PTZapp using color temp

**Auto focus:** minimum working distance 1 meter

**Field of view:** up to 82° diagonal

**S/N ratio:** > 50dB

**Minimum illumination:** 3.5 lx (50 IRE, F1.8, shutter 1/30)

2D and 3D noise reduction

Back light compensation

Flip, mirror

### Pan and Tilt Movement

**Pan:** ±130°; 0.45° step

**Tilt:** +90° (up) -25° (down); 0.25° step

10 camera presets (through remote control) 100 (through VISCA & UVC)

### Connectors

12V power adaptor

Micro type B USB 2.0 connector

Mini DIN6 to RS232 connection

### Video format

YUV, MJPEG, H.264

### USB

UVC (USB Video Class) 1.1 with H.264 extension

### Control

IR remote control

VISCA via RS232

UVC

PTZapp

### Security and mount

Camera mount included for tabletop,

wall or ceiling

Kensington slot

### System requirement

Windows 7/10

Mac OS X 10.7 or higher

Google Chromebook version

29.0.1547.70, Platform 4319.79.0

### Hardware Spec

2.4GHz Intel@ Core 2 Duo processor

2GB RAM or more

Hard drive space for recorded videos

USB 2.0 port

### PTZapp application

Advanced setting, troubleshooting and firmware update for PC/Mac

### Power supply

AC 100V ~240V, 50/60Hz

Consumption: EIAJ 12V, 4A

### Environmental data

Operation temperature: 0 ~40°C

Operation humidity: 20% ~80%

Storage temperature: -20 ~60°C

Storage humidity: 20% ~80%

### Dimension

Package dimensions: 370 x 252

x 275mm

Package weight: 4.19 kg

**Camera:** 180 x 140 x 182 mm

**Remote control:** 50 x 200 x 20 mm

### Package contents

Camera

Remote control

Power adapter

16ft USB cable

Metal mount, tripod screw

### Optional accessories

Mini DIN8 to RS232 adapter

### Warranty

3-year standard warranty

Advanced replacement first

year (USA only)

\*USB 1080p 60fps requires enabling H.264 using PTZapp

## Professional 12X PTZ USB Plug-N-Play Conference Camera

1080p 60fps Plug and play camera (no driver needed) for most applications



### Back Panel



zoom

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Meet

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