

PTZ-HD520U



LIVE Streaming & Broadcasting

Education | Telemedicine | Conference | Broadcast



Description

PTZ-HD520U is an affordable broadcast-quality PTZ video camera with advanced video image processing technology. Able to stream 4 channels simultaneously.

Suitable for LIVE Streaming & Broadcasting for corporate, educational and telemedicine applications.



Functions

- Built-in VISCA, PELCO P/D, ONVIF multiple protocols.
- Support 3G-SDI / HDMI / IP Streaming (RTSP, RTMP) multi-interface video simultaneous output.
- Support RS232 / LAN(RJ45 Port) communication interface.
- Ultra-quiet pan/tilt design, horizontal ± 178 degrees, vertical $-30^{\circ} \sim +90^{\circ}$ rotation.
- All-aluminum compact structure design, imported high precision stepper motor drive, accuracy 0.01° .
- Built-in 3.5mm Jack audio input interface.
- Support USB 3.0
- Excellent Smart Menu and IP address display, which can adjustable camera parameters & setting.
- Support 2D/3D noise reduction function.
- Video output format support 1080P60/59.94/50/30/29.97/25, 1080I60/59.94/50fps
- Image Mirror & flip is available
- Various installation methods; support wall mount, ceiling, desktop, tripod installation.
- Automatic gain control (AGC) Improved noise reduction Accoustic Echo Cancellation (AEC)

Input/Output Interface

- Video Output: HDMI, 3G-SDI, IP Streaming, USB3.0
- Audio Input: 1-ch 3.5mm audio interface, Line In
- Communication interface: 1 \times RS232 IN, 1 \times RJ45
- Power On: JEITA type (DC IN 12V)

Camera Specs

- Video CMOS Sensor 1/2.8" Exmor CMOS, 2.38 Megapixel
- Frame Rate 1080P60/59.94/50/30/29.97/25, 1080I60/59.94/50, 720P60/59.94/50/30/29.97/25, 480I60, 576I50
- Zoom : 20X Optical, 12X Digital Zoom
- Focal Lens: f=4.7mm-94.0mm, F=1.6(W)-3.5(T)
- Horizontal Field of View 2.9°(T)-70°(W)
- Min Lux 0.5lux /0.095 lux
- Shutter Speed 1 to 1/10000s
- Vertical Flip & Mirror Supported

Mechanical

- Pan Rotation Angle $\pm 178^\circ$
- Tilt Rotation Angle $-30^\circ \sim +90^\circ$
- Pan 0.1~180°/s; Tilt: 0.1~120°/s
- Max 255 Presets
- VISCA and PELCO P/D, ONVIF Protocol

IPC Video Features

- Video coding standard: H.265/H.264/MJPEG, H.264 HP, H.264 SVC, H.263 +, H.263, H.261 Dual video streams H.239BFCP content exchange
- Video Stream: Main stream, Sub stream
- Main stream resolution: 1920x1080, 1280x720
- Sub stream resolution: 720x480, 320x240
- Bit Rate: 128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K
- Bit Rate Type: Variable rate, Fixed rate
- Maximum Frame: 60fps
- Audio encode standard : G.711, G.722, G.722.1, G.728, G.722.1C AAC
- Audio stream rate: 96K, 128K, 256K
- Support protocols: TCP/IP, HTTP, DDNS, RTSP, RTMP, PPPoE, SMTP, UPnP, SNMP, FTP(Optional)
- High Efficiency Lost Packet Recover
- Wake-on-LAN (WOL) support

Generic

- Dimensions (L*W*H) 120mm x 120mm x 145mm
- Weight 1.6kg
- Operating Temperature $-10^\circ\text{C} \sim 50^\circ\text{C}$
- Power Requirements 12W DC12V @1A

Packing Box

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|----------------------------------|-----|
| ● PTZ-HD520U Camera | x 1 |
| ● IR Remote Controller | x 1 |
| ● Ceiling Bracket / Wall Support | x 1 |
| ● RS-232 to DB 9pin cable | x 1 |
| ● User Manual | x 1 |
| ● 12V/ 2.0 A DC Power Adapter | x 1 |

Dimensions

