# HD Camera Inspire 12U- XP6

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|---|---|
| Video System | HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (supported by network only), 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 (supported by network only, optional)<br>SD: 480i, 576i |
| Sensor | 1/2.7'', CMOS, Effective Pixel: 2.07M |
| Scanning Mode | Progressive |
| Lens | 12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8 |
| Digital Zoom | 16x (optional) |
| Minimal Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Shutter | 1/30s ~ 1/10000s |
| White Balance | Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual |
| Backlight Compensation | Support |
| Digital Noise Reduction | 2D,3D digital noise reduction |
| Video S/N | ≥55dB |
| Horizontal Angle of View | 72.5° ~ 6.9° |
| Vertical Angle of View | 44.8° ~ 3.9° |
| Horizontal Rotation Range | ±170° |
| Vertical Rotation Range | -30° ~ +90° |
| Pan Speed Range | 1.7° ~ 100°/s |
| Tilt Speed Range | 1.7° ~ 69.9°/s |
| H & V Flip | Support |
| Image Freeze | Support |
| Face Detection | Support (optional) |
| Local Storage | Support (optional) |
| Number of Preset | 255 |
| Preset Accuracy | 0.1° |

## IPC Features

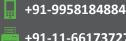| | |
|---|---|
| Video Compression | H.265/H.264/MJEPG |
| Video Stream | Main Stream, Sub Stream |
| Main Stream Resolution | 1920x1080, 1280x720, 1024x576 |
| Sub Stream Resolution | 720x576, 720x480, 320x240 |
| Video Bit Rate | 128Kbps ~ 8192Kbps |
| Bit Rate Type | Variable Rate, Fixed Rate |
| Frame Rate | 50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps, 720p120: 120fps, 640x480p240: 240fps |
| Audio Compression | AAC |
| Audio Bit Rate | 96Kbps, 128Kbps, 256Kbps |
| Support protocols | TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc. |

## General Specification

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| Input Voltage | DC 12V |
| Current Consumption | 1.0A (Max) |
| Operating Temperature | -10°C ~ 40°C (14°F ~ 104°F) |
| Storage Temperature | -40°C ~ 60°C (-40°F ~ 140°F) |
| Power Consumption | 12W (Max) |
| Size | 169mm × 142mm × 164mm |
| Net Weight | 1.35Kg (3.0lb) |

## Input/Output Interface

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| Network Interface | 1xRJ45: 10M/100M Ethernet Interface |
| Audio Interface | 1-ch: 3.5mm Audio Interface, Line In |
| USB | 1xUSB3.0: Type B female jack<br>1xUSB2.0: Type A female jack |
| Communication Interface | 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P<br>1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only<br>1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P |
| Power Jack | JEITA type (DC IN 12V) |

## USB Features

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| Oprate System | Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux |
| Color System | YUV 4:2:2 |
| Video Format | USB3.0 : 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25<br>USB2.0 : USB2.0:960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50 |
| USB Video Communication Protocol | UVC 1.0 |
| UVC PTZ | Support |

# EAPL INSPIRE VC 1 Plus 3

There are PTZ cameras and then there is Inspire VC 1 Plus 3. The camera even if placed 30 yards away from the presenter, is capable of delivering crystal-clear image both at the near-end and the far-end. The camera finds application in state-of-the-art video conferencing setup as well as virtualization.

The Inspire VC 1 Plus 3 has a sleek ergonomic design with a classy outlook. With a zooming capacity of 20x and a maneuverable preset functionality, this auto-focusing powerhouse will ensure that there is real-life like quality to your remote presentations and lectures. Its mere pres-ence in the room will inspire you to rise higher. We Intro-duce you to EAPL Inspire VC 1 Plus 3.

## SPECIFICATIONS

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| Video Resolution | 1080P (optional), Guaranty bandwidth: 512Kbps, 720P, Guaranty bandwidth: 384Kbps, 4SIF/4CIF, Guaranty bandwidth: 128Kbps, SIF/CIF/QSIF/QCIF/SQSIF/SQCIF, Guaranty bandwidth: 64Kbps |
| Content Video Resolution | Input: VGA (640x480), SVGA (800x600), XGA(1024x768), WXGA (1280x768), WXGA (1280 x800), 1280x960, SXGA (1280 x1024), 1360x768, 1366x768, 1440x900, XGA+ (1400x1050), 1600x900, 1600 x1200, 1680 x1050, 720p (1280 x720), 1080p (1920x1080), Coding/Decoding Resolution: 800 x600, 1024x768, 1280x1024, 1280x720, 1920 x1080 (optional), Output: 800 x600, 1024x768, 1280 x1024, 1280 x720, 1920x1080 |
| Dual Stream | 720P |
| Built-in HD Camera | Input: 720P, Sensor: 2.07 million effective pixels, 1/2.7 inch CMOS, Lens: 20x optical zoom, Maximum horizontal viewing angle: 64 degrees, PTZ: horizontal +/-170 degrees, vertical -30~+90 degrees, Supports auto white balance, auto exposure, auto focus, Support remote camera control, Support mirror/flip, 10 presets |
| Other Video Features | PiP (Picture in Picture), PoP (Picture outside Picture) |
| Audio features | AEC (Acoustic Echo Cancellation), AGC (Automatic Gain Control), ANS(Acoustic Noise Suppression), Lip synchronization |
| Security | H.235 (AES) signaling and media stream encryption Administrator password, SSH/HTTPS |
| Dimensions | Codec dimensions (L x W x H): 240mm x 144mm x 160mm, Package dimensions (L x W x H): 285mm x 235mm x 230mm |
| Electrical: Working voltage | AC 100V ~ 240V, DC 12V, Working frequency: 50/60Hz, Power consumption: 18W |

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| Network | FEC (Forward Error Correction), ARQ (Automatic Repeat-reQuest) etc. |
| Firewall Traversal | H.460.18/19, H.460.23/24, ICE |
| IP | 64kbps ~ 8Mbps |
| Audio | Input: 1 x 3.5mm line-in jack, 1 x 3.5mm mic-in jack Output: 1 x 3.5mm line-out jack, 1 x HDMI audio output |
| Video | Input: 1 x HDMI 1 x Built-in Camera Output: 2 x HDMI |
| USB Interface | 2 x USB2.0 Host (support USB flash disk, USB micphone etc.) |
| Others | 1 x RJ45: 10/100 Base-T |
| Communication Interface | 1 x RS232: 3pin Phenix jack |
| Languages | Simplified Chinese, Traditional Chinese, English, Polish etc |
| Approval and Compliance | 1000 local address book, LDAP/Network address book, H.350 |
| Special Features | Audio associated with presentation, Support "SameView", Timing power on and power off, Automatic standby and wake up on incoming call, Support DNS SRV, Incoming call password, Asymmetric bandwidth, Built-in VPN, Automatic to get static NAT address, PIP: 1/16 picture size, optional position, Split output: Bi-screen and tri-screen display, Network address book, Support SDK API, Bulit-in MCU (optional), Support web-based conference management, Support USB micphone, Remote Control: H.224, H.281, Remote upgrade by network, Wi-Fi (optional) |
| Weight | Net weight: 1.7Kg Package weight: 2.5Kg |
| Environmental Specification | Operating temperature: 0°C to 40ºC Operating humidity: 10% to 80%, Non-Operating temperature: -40º to -70ºC, Non-Operating humidity (non-condensing): 0% to 95%, Peripheral noise: < 46 dBA SPL, Lowest luminance: 5 lux, Recommended luminance: > 300 lux |