

# AGENT HD

## Pan Tilt Zoom Camera

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The aGent BPTZH-01 is specially designed for SMB customers as a cost-effective PTZ camera with low light sensitivity, large-angle horizontal and vertical rotation pan tilt and zoom. A 12X optical lens, USB2.0 digital interface to facilitate the use of small and medium sized conference rooms, classrooms, courtrooms and security applications.

The worlds first **USB HD PTZ** conference camera  
plug and play for Apple Mac and PC

### Specifications

Lens: low-light CMOS  
Lens area: 1 / 4 "  
Effective pixels: 1280X720 Pixels  
Zoom: 12x zoom lens  
Focal length: 4.0 ~ 48.0 mm  
Lens angle: maximum 43 °, the minimum 7 °  
Video format: VGA, CIF, QCIF  
Video frame rate: 30Fps @ 720P in MJPG  
Pan: 150 ° left and right  
Tilt: 90 °  
Operating voltage: 12 V external DC  
Operating Current: 800mA mechanical PTZ  
Video unit: 110mA  
Dimensions: W90 x L110 x H105

### Product Features

Low-light CMOS, adaptive brightness adjustment  
1280X720 format for high-speed output  
USB2.0 digital interface, driver free installation  
Low CPU utilization  
FPF focus control mode, (locks the focus point image)  
Manual fine-tuning focus via remote  
Gravity sensing system supports being hung to ceiling upside down with auto image correction (image is flipped to stay upright)  
Free drive installation, compatible with the majority of video application software.  
Supports Linux and Android as well as Mac iOS  
Infrared remote control operation, effective distance 7m  
Support RS232 serial control, and remote control use for 1.2m ~ 7m  
Standard tripod bracket screw holes for easy installation

### Inputs and Remote Control



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## Finally an affordable HD PTZ Conference Camera!



Whilst the price may be low the quality and features are not. Compare and see for yourself!

Brand	Agent HD	Sony	Sony
Model	BPTZH-01	EVID100	Sony EVIHD3V
RRP	\$999.00	\$1,200.00	\$3,499.00
Sensor	1/4" Low Illumination CMOS	1/4" CCD	1/3" CMOS
Resolution	640x480, 1280x720	768 x 494	640x480, 1280x720
HD	Yes	No	Yes
Plug & Play Mac and PC	Yes	No	No
Optical Lens	12 Optical Zoom	10 Optical Zoom	10 x Optical Zoom
Optic Angle	7 to 43 degree	6.6 to 65 degrees	8 to 70 degrees
Frame Rate	30FPS@VGA, 20FPS at HD	30FPS@VGA	30FPS at HD
Pan	+/- 150 degrees	+/- 100 Degrees	+/- 100 Degrees
Tilt	+/- 90 degrees	+/- 25 Degrees	+/- 25 Degrees
Low Light	Yes	Yes	Yes
	USB digital signal directly,PCI		
Input	card free	A/V analog	DVI Digital/Analog
Reverse Mounting	Yes	No	No
Tripod Screw	Yes	Yes	Yes
Remote Control Included	Yes	Yes	Yes
Focus systems	FPF-locks in focal point fast, additional remote focus	Auto focus only	Auto focus only
Long-range control	Yes	Yes	Yes
Gravity Sensing System	Yes	No	No
Exposure	Automatic	Automatic	Automatic/Manual
Measurement (mm)	W90xL110xH105mm	W113x H120 x D132mm	L250 x W152 x H135 mm
Measurement (inches)	3-1/2 x 4-1/3 x 4-1/4	4-1/2 x 4-3/4 x 5-1/4	10-1/4 x 6 x 6-3/4

## The aAgent BPTZH-01 USB HD PTZ Video Conferencing Camera brings you closer... faster!

Introducing the worlds first USB HD PTZ video conferencing camera that is designed to bring you crisp clear HD plug and play video quality through the USB port of your MAC or PC. No need for PCI cards or additional hardware! With a patented FPF Focus system you can focus on your subject faster and with a large pan/tilt shooting range of up to 300 degrees horizontally and 180 degrees vertically the aAgent PTZ camera reaches every angle with quiet agility. The aAgent BPTZH-01 also boasts a 12 x optical zoom, an RS-232 input and multi-function IR remote control.

The aAgent BPTZH-01 is the perfect camera for videoconferencing, distance learning, courtroom recording, corporate training and general surveillance.

### FPF Focus System

The aAgent patented FPF focus system locks in the focal point much faster than AF focus systems found on most other PTZ conference cameras and is adjustable via remote control.

### Direct USB input – a world first!

No need to buy expensive PCI cards that are required with other video conferencing solutions. Simply plug the aAgent PTZ BPTZH-01 directly into your computers USB port. The direct connection prevents loss of video quality which can occur when transmitting video through PCI cards. This is the worlds first HD PTZ video conferencing webcam with a direct usb input.

### RS-232 input

An additional RS-232 input allows the user to use the aAgent PTZ BPTZH-01 on the vast majority of video conferencing software applications on the market. Furthermore it provides compatibility with remote hardware tools (joysticks and toggles) and allows all camera settings and pan/tilt/zoom functions to be performed remotely.

### Gravity Sensing System

The aAgent PTZ BPTZH-01 can be mounted upside down and the video will automatically correct itself providing for a perfect security video solution or fixed mountable solution in a classroom or boardroom. An inbuilt tripod screw allows for easy mounting in any scenario.

### Crisp HD Picture Quality

#### – 1/4" Low Illumination CMOS Sensor.

The aAgent PTZ BPTZH-01 incorporates a 720P HD CMOS sensor with low light functionality giving you clear crisp video image results every time.

### Multi-function IR Remote Control Unit

The simple to use an IR remote control unit allows the user to remotely operate the pan/tilt and FPF focus system.

### Wide Range and super quiet Pan/Tilt system

A quiet direct drive motor mechanism enables the camera to rotate swiftly, smoothly and quietly covering a large shooting range of up to 300 degrees horizontally and 180 degrees vertically.

Max Pan Speed: 300 degrees/second

Max Tilt Speed: 125 degrees/second

### Just Plug and Play!

Unlike other video conferencing cameras, the USB input of the aAgent PTZ BPTZH-01 allows you to simply plug and play directly into a Mac or PC and even use regular video conferencing software applications like Skype without any extra hardware or installations!