

VC-B20U

HD PTZ USB Camera

LumensTM
Brilliance by Design

The LumensTM VC-B20U HD Pan/Tilt/Zoom (PTZ) USB camera has USB video output interface. It is equipped with a Sony 1/2.8 inch image sensor with Full HD 1080p output resolution and a high dynamic image of 60 frames per second. The superior 5x optical zoom lens, excellent white balance, and exposure mode delivers a clear image even in low light or the extreme contrast of brightness and darkness in a conference room. The camera covers a wide shooting angle and achieves high-speed, quiet, and precise positioning with smooth PTZ operations. There are up to 128 preset settings movements and stable remote controlling for displaying effective and efficient presentations. The VC-B20U is applicable for videoconferencing in a huddle room or a medium size conference room.

Key Features

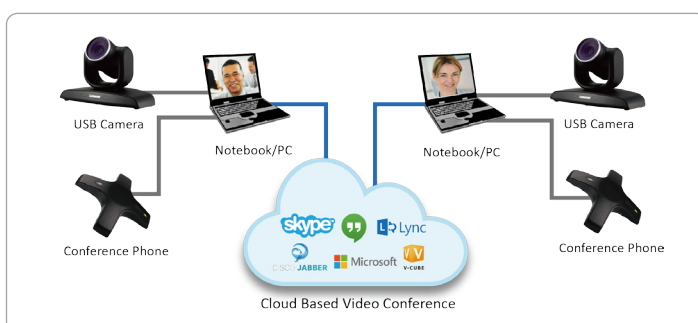
- Equipped with a Sony 1/2.8 inch image sensor.
- USB 3.0 video output interface
- USB 3.0 Plug & Play and compatible with Windows, Linux, MAC OSX, Chrome OS
- Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 5x optical zoom is applicable for medium size conference room.
- Horizontal viewing angle: 70°
- Wide range Pan/Tilt/Zoom actions:
Pan angle from -100° to +100°; tilting angle from -30° to +30°
- Up to 128 user-defined preset modes to allow for ease of use in all environments
- 3 year warranty



Compatible with all popular applications and cloud systems:



More Details



Easy Integration with Various Videoconferencing Software

The VC-B20U can work seamlessly with any software running on any OS that supports USB 3.0 devices.



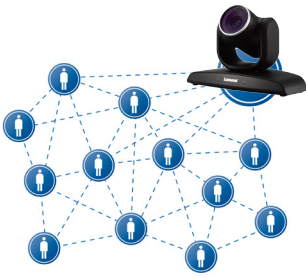
USB 3.0 Plug & Play

The VC-B20U uses standard UVC drivers. There is no need to install special USB drivers. USB 3.0 is 10 times faster than the USB 2.0 standard and it features low latency and non-compress output.



Easy control

Easy control like Preset, Pan, Tilt, Zoom and settings by Lumens USB PTZ camera controller software and support Windows & MAC OS.



128 Preset Positions

The VC-B20U has up to 128 preset settings for pan, tilt, zoom, focus, exposure, and white balance modes for more effective and efficient video recording.



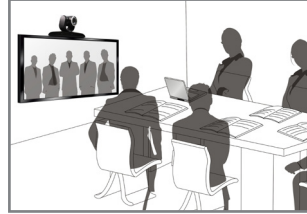
Wide Range Pan/Tilt/Zoom Action

The VC-B20U has a wide shooting area (pan angle from -100° to +100° ; tilt angle from -30° to +30°), as well as quiet, fast, and precise positioning movements.



RS-232 Remote Control

The camera's settings and PTZ control functions can be performed remotely at any location and at high communication speeds via the RS-232 interface.



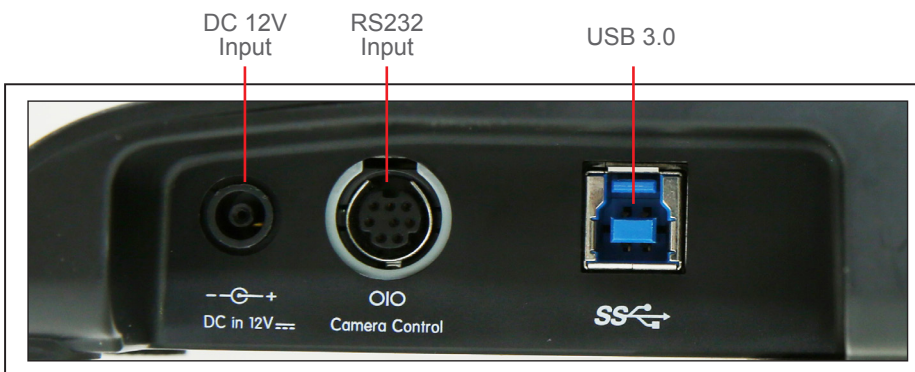
Panoramic Viewing Angle

The VC-B20U has a panoramic 70° horizontal viewing angle that helps users achieve a wider viewing area.

Product Specifications

Sensor	1/2.8" 2 MP CMOS	Shutter Speed	1/1 ~ 1/10,000 sec
Video Output	YUV2 and MJPEG format 1080p 60 / 50 / 30 / 25 fps, 720p 60 / 50 / 30 / 25 fps 640x480 60 / 50 / 30 / 25 fps	Horizontal Viewing Angle	70°
Optical Zoom	5x	Aperture	F2.8 ~ 3.9
USB 3.0	Yes	Minimum illumination	15 lux
Panning Angle	-100° ~ +100°	Minimum Object Distance	50(Wide) ~ 1000(Tele) mm
Tilting Angle	-30° ~ +30°	Gain Control	Auto, manual
Preset Positions	128	White Balance	Auto, one-push, manual
Video Output(HD) Interface	USB 3.0 and USB 2.0	Exposure Control	Auto, manual
Camera Control Interface/Protocol	USB, RS-232	Focus System	Auto, manual
Video S/N Ratio	> 50dB	Weight	1.3 kg (2.9 lbs)
Focal Length	f = 4 ~ 20 mm	Dimensions (W x D x H)	267.8 x 123 x 156.1 mm (10.6" x 4.8" x 6.2")

I/O CONNECTIONS



Optional Accessory

VC-AC03
Wall Mount



LumensTM
Brilliance by Design
www.MyLumens.com

Lumens Integration, Inc.
4116 Clipper Court
Fremont, CA 94538
Phone : 888.542.3235
Fax : 510.252.1389

Lumens Europe
Stationstraat 5
1730 Asse, Belgium
Phone : +32 (0) 2 452 76 00
Fax : +32 (0) 2 452 76 00