

# VC-B20U

## HD PTZ USB Camera

**Lumens**<sup>TM</sup>  
Brilliance by Design

The Lumens<sup>TM</sup> VC-B20U HD Pan/Tilt/Zoom (PTZ) USB camera has USB video output interface. It is equipped with a 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 lecture capture and videoconferencing.

### Key Features

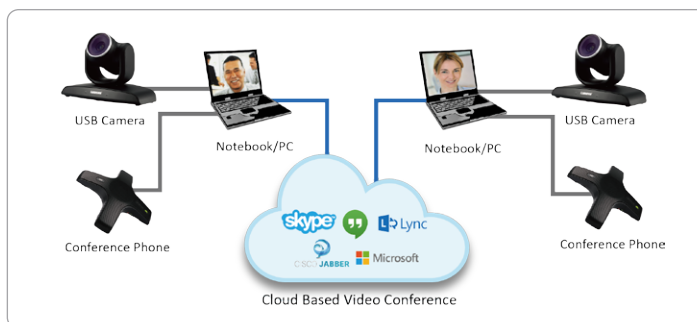
- USB 3.0 video output interface
- USB 3.0 Plug & Play and compatible with Windows, Linux, MAC OSX, Chrome OS
- Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 5x optical zoom
- Horizontal viewing angle: 70°
- Wide range Pan/Tilt/Zoom actions:  
Pan angle from -100°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



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.



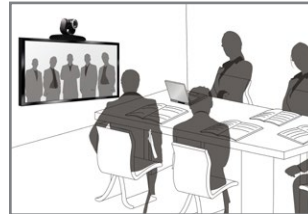
## Wide Range Pan/Tilt/Zoom Action

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

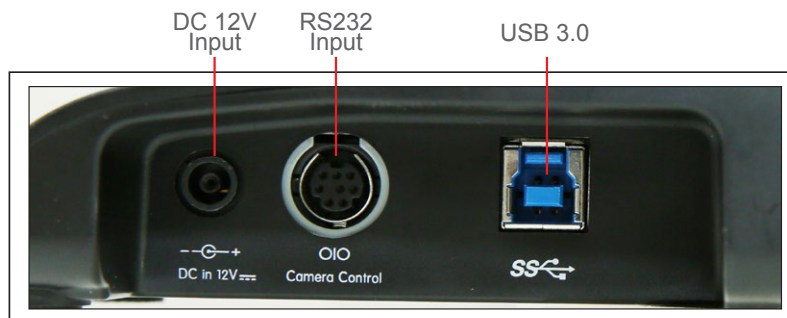
The VC-B20U has a panoramic 70° horizontal viewing angle that helps users achieve a wider viewing area.

## Product Specifications

<b>Sensor</b>	1/2.8" 2 MP CMOS
<b>Video Output</b>	YUV2 and MJPEG format 1080p 60 / 50 / 30 / 25 fps, 720p 60 / 50 / 30 / 25 fps 640x480 60 / 50 / 30 / 25 fps 640x360 60/50/30/25 fps
<b>Optical Zoom</b>	5x
<b>USB 3.0</b>	Yes
<b>Panning Angle</b>	-100° ~ +100°
<b>Tilting Angle</b>	-30° ~ +30°
<b>Preset Positions</b>	128
<b>Video Output(HD) Interface</b>	USB 3.0 and USB 2.0
<b>Camera Control Interface/Protocol</b>	USB, RS232
<b>Video S/N Ratio</b>	> 50dB
<b>Shutter Speed</b>	1/1 ~ 1/10,000 sec

<b>Focal Length</b>	f = 4 ~ 20 mm
<b>Horizontal Viewing Angle</b>	70°
<b>Aperture</b>	F2.8 ~ 3.9
<b>Minimum illumination</b>	1.6 lux(F2.8, 50IRE, 60fps)
<b>Minimum Object Distance</b>	50(Wide) ~ 1000(Tele) mm
<b>Gain Control</b>	Auto, manual
<b>White Balance</b>	Auto, one-push, manual
<b>Exposure Control</b>	Auto, manual
<b>Focus System</b>	Auto, manual
<b>Weight</b>	1.3 kg (2.9 lbs)
<b>Dimensions (W x D x H)</b>	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



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