

VC-B20D

High Definition PTZ Camera

Lumens[™]
Brilliance by Design

The Lumens[™] VC-B20D HD Pan/Tilt/Zoom (PTZ) camera is equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output resolution at a high dynamic image of 60 frames per second. The superior 5x optical zoom lens, excellent white balance, and exposure mode deliver 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 and stable remote controlling for effective and efficient presentations. The VC-B20D is ideally suited for lecture recording, videoconferencing, and security surveillance systems, thereby delivering a continuous, clear, and vivid live image without any distortions.

Key Features

- Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 60 times variable zoom ratio (5x optical zoom with 12x digital zoom)
- DVI-I video output interface
- Horizontal viewing angle: 70°
- Wide range Pan/Tilt/Zoom actions:
Pan angle from -100° to +100°; tilt angle from -30° to +30°
- Up to 128 user-defined preset modes to allow for ease of use in all environments



More Details

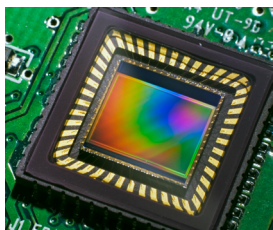


Image Quality

The VC-B20D is equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output resolution. The sensor provides high color reproduction, high-definition signals, and crystal-clear image quality.



Wide Range Pan/Tilt/Zoom Action

The VC-B20D 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.



128 Position Presets

The VC-B20D has up to 128 preset settings for pan, tilt, zoom, focus, exposure, and white balance modes for more effective and efficient video recording.



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.



Friendly Interface

The Lumens™ infrared controller is a simple operation that allows the VC-B20D to pan, tilt, zoom, and focus easily.



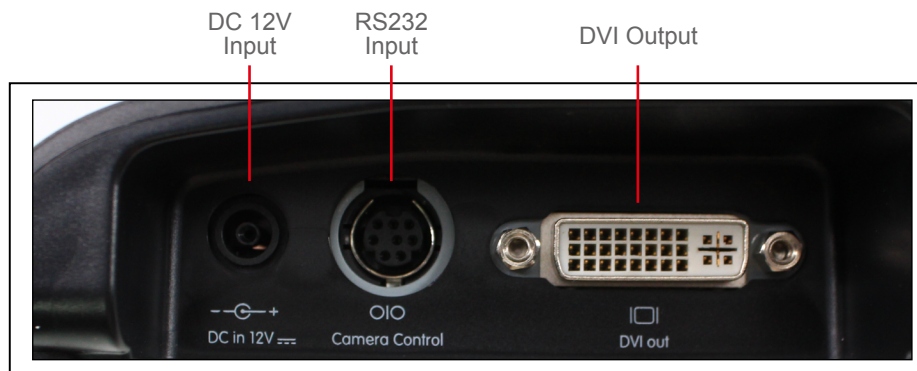
Panoramic Viewing Angle

The VC-B20D has a panoramic 70° horizontal field of view that helps users achieve a wider viewing area. The VC-B20D is an ideal device for videoconferencing, customer service, and enterprise training.

Product Specifications

| | | | |
|--|--|---------------------------------|---|
| Sensor | 1/2.8" 2 MP CMOS | Horizontal Viewing Angle | 70° |
| Video Output | 1080p 60 / 50 / 30 / 25 fps, 1080i 50 / 60 fps, 720p 60 / 50 / 30 / 25 fps | Aperture | F2.8 ~ 3.9 |
| Optical Zoom | 5x | Minimum Illumination | 15 lux |
| Panning Angle | -100° ~ +100° | Minimum Object Distance | 50(Wide) ~ 1000(Tele) mm |
| Tilting Angle | -30° ~ +30° | Digital Zoom | 12x |
| Preset Positions | 128 | Gain Control | Auto, manual |
| Video Output(HD) Interface | DVI-I | White Balance | Auto, indoor, outdoor, one-push, manual |
| Camera Control Interface/Protocol | RS-232 | Exposure Control | Auto, manual |
| Video S/N Ratio | > 50dB | Focus System | Auto, manual |
| Shutter Speed | 1/1 ~ 1/10,000 sec | Weight | 2.9 lbs (1.3 kg) |
| Focal Length | f = 4 ~ 20 mm | Dimension (W x D x H) | 10.6" x 4.8" x 6.2" (267.8 x 123 x 156.1 mm) |

I/O CONNECTIONS



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