

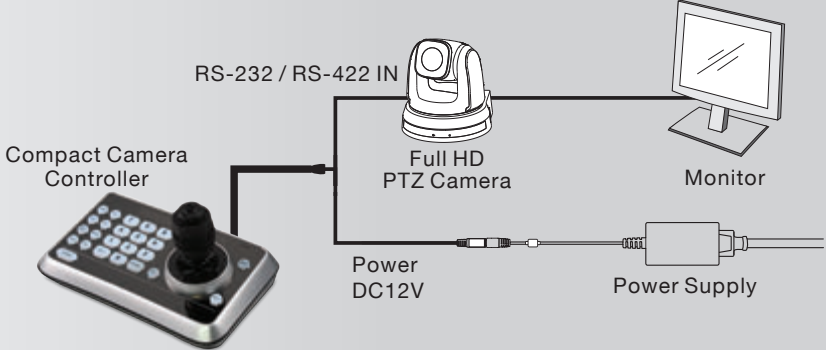
Specifications

Model	VC-G50	VC-G30	VC-A20P	VC-B20D
Sensor	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS	1/2.8" 2MP CMOS
Video Output	1080p 60 / 59.94 / 50 / 30 / 29.97 fps 1080i 50 / 60 fps 720p 60 / 59.94 / 50 fps 720p 30 / 25 fps NTSC / PAL	1080p 60 / 59.94 / 50 / 30 / 29.97 fps 1080i 50 / 60 fps 720p 60 / 59.94 / 50 fps 720p 30 / 25 fps NTSC / PAL	1080p 60 / 59.94 / 50 / 30 / 29.97 fps 1080i 50 / 60 fps 720p 60 / 59.94 / 50 fps NTSC / PAL	1080p 60 / 50 / 30 / 25 fps 1080i 50 / 60 fps 720p 60 / 50 fps 720p 30 / 25 fps
Optical Zoom	20x	15x	10x	5x
Panning Angle	-170° ~ +170°	-170° ~ +170°	-170° ~ +170°	-100° ~ +100°
Tilting Angle	-30° ~ +90°	-30° ~ +90°	-30° ~ +90°	-30° ~ +30°
Preset Positions	128	128	128	128
Video Output Interface (HD)	Component, DVI, 3G-SDI	Component, DVI, 3G-SDI	DVI-I, Ethernet	DVI-I
Video Output Interface (SD)	CVBS (C-Video)	CVBS (C-Video)	CVBS (C-Video)	No
Camera Control Interface/Protocol	RS-232 / RS-422	RS-232 / RS-422	RS-232 / RS-422 / Ethernet	RS-232
Video S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB
Shutter Speed	1 ~ 1/10,000 sec	1 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec	1/1 ~ 1/10,000 sec
Focal Length	f = 4.7 ~ 94 mm	f = 4.7 ~ 70.5 mm	f = 5 ~ 50 mm	f = 4 ~ 20 mm
Horizontal Viewing Angle	63°	63°	56.5°	70°
Aperture	F1.6 ~ 3.5	F1.6 ~ 3.5	F1.8 ~ 3.0	F2.8 ~ 3.9
Minimum Illumination	5 lux	5 lux	5 lux	15 lux
Minimum Object Distance	300 (Wide) ~ 1500 mm (Tele)	100 (Wide) ~ 1000 mm (Tele)	100 (Wide) ~ 1000 mm (Tele)	50 (Wide) ~ 1000 mm (Tele)
Digital Zoom	12x	12x	12x	12x
Image Flip	Yes	Yes	Yes	No
Audio Input	No	No	Yes	No
Weight	4.4 lbs (2.0 kg)	4.4 lbs (2.0 kg)	4.0 lbs (1.8 kg)	2.9 lbs (1.3 kg)
Dimensions (W x D x H)	6.9" x 7.3" x 7.2" (174 x 186 x 182.7 mm)	6.9" x 7.3" x 7.2" (174 x 186 x 182.7 mm)	6.9" x 6.8" x 7.2" (174 x 173.8 x 182.7 mm)	10.6" x 4.8" x 6.2" (267.8 x 123 x 156.1 mm)



Accessory
VS-K20

- 1. Joystick for Pan/Tilt/Zoom and focusing
- 2. Easy operation of versatile camera adjustments
- 3. The RS-232/RS-422 communication interfaces allow long-distance communication
- 4. High brightness OLED display
- 5. Auto backlight keys
- 6. Multi-level protection from illegal operation and settings



FULL HD PTZ CAMERAS
LEADERS IN PROFESSIONAL
IMAGE PROCESSING TECHNOLOGY

1080P | 60FPS | 5X / 10X / 15X / 20X | DVI / 3G-SDI / IP

The Lumens™ VC Series HD Pan/Tilt/Zoom (PTZ) cameras are equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output resolution at a high dynamic rate of 60 frames per second. The superior optical zoom lens, excellent white balance, and exposure mode deliver clear images in low light conditions and the extreme contrast of brightness and darkness in a conference room. By delivering continuous and vibrant live images without distortions, the Lumens™ VC series cameras are ideally suited for lecture recording, video conferencing, and security surveillance systems.



Education



Conference



Events



Court



Church



Healthcare

VC-G50

- 1. Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 2. 240 times variable zoom ratio (20x optical zoom with 12x digital zoom)
- 3. 3G-SDI, DVI, Component, and C-Video image outputs simultaneously
- 4. Maximum horizontal/vertical speed of rotation: 300° / second
- 5. Horizontal viewing angle up to 63°



VC-G30

- 1. Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 2. 180 times variable zoom ratio (15x optical zoom with 12x digital zoom)
- 3. 3G-SDI, DVI, Component, and C-Video image outputs simultaneously
- 4. Maximum horizontal/vertical speed of rotation: 120° / second
- 5. Horizontal viewing angle up to 63°



VC-A20P

- 1. Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 2. 10x optical zoom
- 3. Ethernet, DVI-I, and C-Video image outputs simultaneously
- 4. Supports H.264 video streaming and control and ONVIF protocol
- 5. Supports audio input



VC-B20D

- 1. Full HD 1080p high definition signal output format with a high frame rate of 60 fps
- 2. 60 times variable zoom ratio (5x optical zoom with 12x digital zoom)
- 3. DVI-I video output interface
- 4. Horizontal viewing angle up to 70°
- 5. Wide range Pan/Tilt/Zoom actions:
Pan angle from -100 to +100°; Tilt angle from -30° to + 30°



More Details

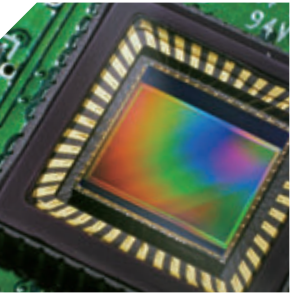


Image Quality

The VC Series 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, and crystal-clear image quality.



Multiple Single Formats

The VC Series is able to switch video output formats from NTSC/PAL, to SD, to Full HD for compatibility with various display devices.



128 Position Presets

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



Ethernet Interface

Supports a H.264 video compression format that can reduce the bandwidth for transmitting video. This technology decreases hard disk space when recording. In addition, these cameras have the ability to distribute streaming medias while supporting ONVIF protocol.



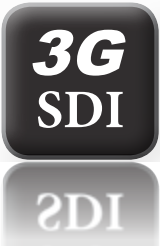
Friendly Interface

The VC Series has a special Lumens™ infrared controller that allows for easy pan, tilt, zoom, and focus.



Wide Range Pan/Tilt/Zoom Action

The highly efficient DC motor servo control has a wide shooting area (pan angle: from -170° to +170° ; tilt angle from -30° to +90°), as well as quiet, fast, and precise positioning movements.



3G-SDI Interface

Supports a 3G-SDI standard interface for transmitting uncompressed digital video signals without any delays, up to a distance of 500 feet. (or 150 meters)



RS-232/422 Remote Control

The cameras' settings and PTZ control functions can be performed remotely at any location and via high communication speeds via the RS-232/422 interface.



Image Flip

The cameras have built-in image flip and mirror functions that allow for different installations on a desktop ceiling depending on user requirements.

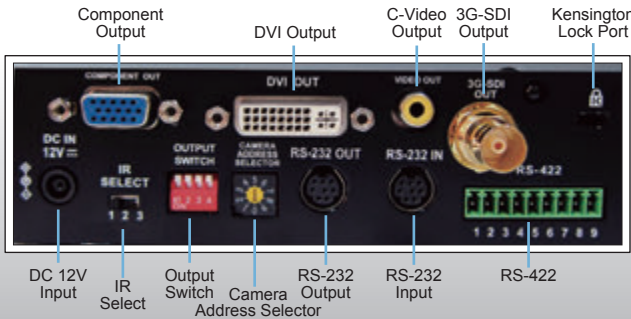


Audio Input Support

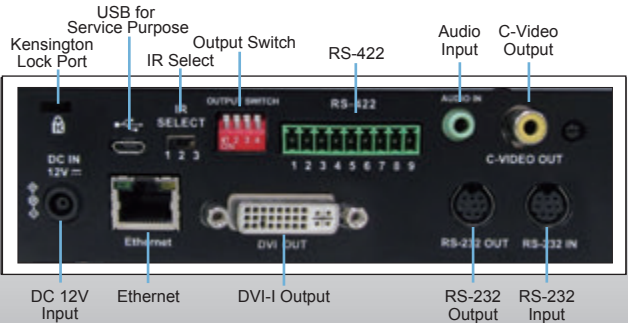
Supports stereo audio input and AAC encoding transmissions through the Internet to extend the distance of the audio device. Through this transmission, sound quality is enhanced and installation costs are reduced.

I/O Connections

VC-G30
VC-G50



VC-A20P



VC-B20D

