HDC-713 HD IP Camera

BXB's HDC-713 HD IP camera is equipped with a professional 1/2.8 inch image sensor with Full HD 1080p output at 60 fps. It's power supplied through the Power over Ethernet (PoE) providing an economical and easy solution. The superior 20x 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 lecture hall.

The HDC-713 has different interfaces like Ethernet, HDMI, and 3G-SDI. It supports live broadcasting with MJPEG, H.264 / SVC format and further more its low-latency is less than 120ms. These features not only allow for simultaneous image outputs, they also result in the best image quality and is compatible with all video equipment. The camera covers a wide shooting angle and achieves high-speed, quiet, and precise positioning with smooth PTZ operations.

The VC-A50P is applicable for lecture recording, videoconferencing, and live broadcasting.

Key Features



- Full HD 1080p signal output with a high frame rate of 60 fps
- 20x optical zoom
- Supports live broadcasting (MJPEG, H.264 support SVC)
- Support POE (Power Over Ethernet) lets network cables supply power
- Supports ONVIF protocol
- Ethernet low latency (< 120 ms)
- Ethernet, HDMI, and 3G-SDI synchronous image outputs
- Maximum horizontal/vertical speed of rotation: 120 degrees/second
- Audio Input Support AAC encoding with 44.1/48 K sampling frequency
- Built-in image flip and mirror function for easy installation
- Software for controlling the cameras remotely
- Operating temperature: 0°C to 40°C (32°F to 104°F)

More Details

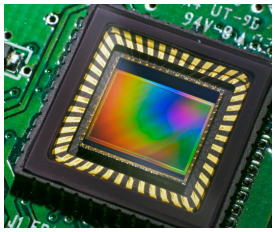


Image Quality

The HDC-713 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.



Ethernet Interface

The HDC-713 supports MJPEG and H.264 / SVC video compression format that can reduce the bandwidth for transmitting video. This technology can decrease hard disk space when recording.



Easy Installation

Power supplied through the PoE+ (Power over Ethernet) without additional power supply and cables that bring cost-effective and simple installation.



Wide Range Pan/Tilt/ Zoom Action

The HDC-713 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.



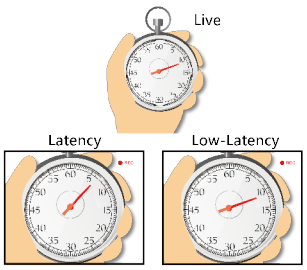
Multiple Signal Interface Formats

The HDC-713 is able to switch video output formats to Full HD for compatibility in various display devices.



Audio Input Support

The HDC-713 supports stereo audio input and AAC encoding transmission through the Internet, SDI and HDMI to extend the distance of the audio device. Through this transmission, sound quality is enhanced and installation costs are reduced.



Ethernet Low-Latency

The HDC-713 supports low-latency and the fast response time is less than 120 ms that allows human-unnoticeable delays between live image and its output on the screen.



RS-232/422 Remote Control

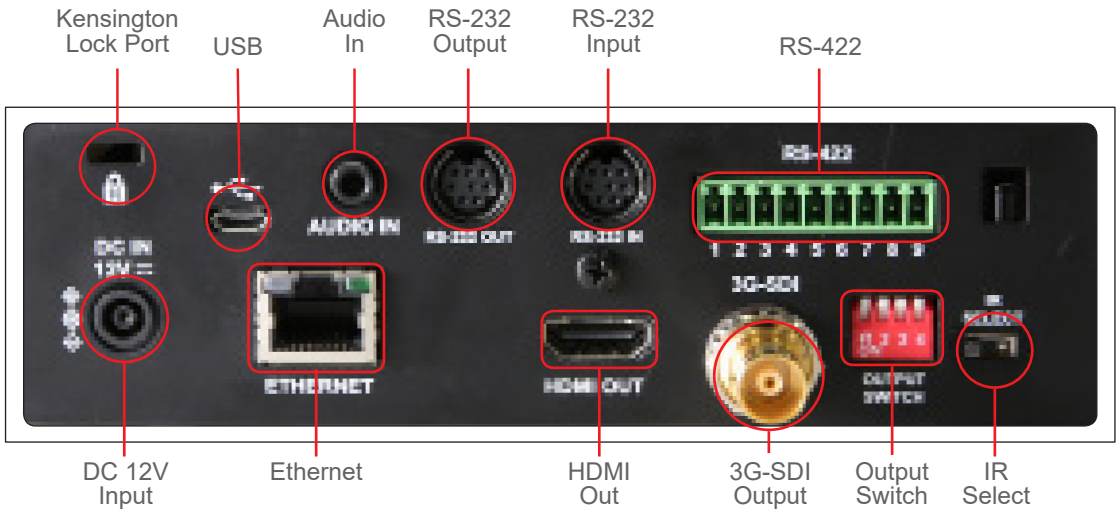
The camera's settings and PTZ control functions can be performed remotely at any location and at high communication speeds via the RS-232/422 interface.

Product Specifications

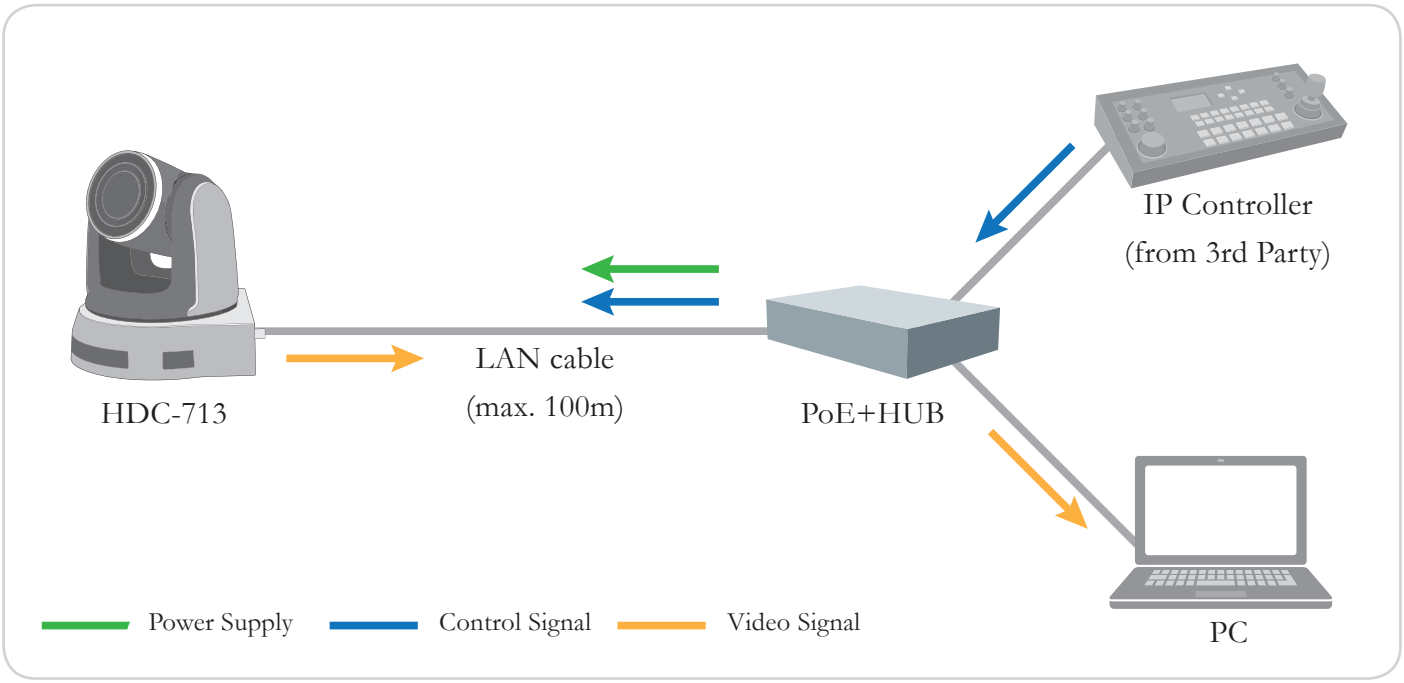
Sensor	1/2.8" 2MP CMOS
Video Output	1080p 60 / 59.94 / 50 fps, 1080i 60 / 59.94 / 50 fps, 1080p 30 / 29.97 / 25 fps, 720p 60 / 59.94 / 50 fps,
Optical Zoom	20x
Panning Angle	-170° ~ +170°
Tilting Angle	-30° ~ +90°
Preset Positions	128
Video Output(HD) Interface	3G-SDI, HDMI, Ethernet
Network Interface	ONVIF / RTSP Streaming RTMP Streaming
PoE	PoE+ (IEEE802.3at)
Camera Control Interface/Protocol	RS-232 / RS-422 / Ethernet
Video S/N Ratio	> 50dB
Shutter Speed	1/1 ~ 1/10,000 sec
Focal Length	f = 5.33mm~110mm

3D NR	Yes
Horizontal Viewing Angle	57°
Aperture	F1.6~F3.8
Minimum Illumination	1.0 lux (F1.6, 50IRE, 30fps)
Minimum Object Distance	1.5m
Gain Control	Auto, manual
White Balance	Auto, indoor, outdoor, one-push, manual
Exposure Control	Auto, manual
Focus System	Auto, manual
Image Flip	Yes
Audio Input	MIC / Line In
Audio Output	Ethernet, SDI and HDMI
Weight	2 kg (4.4 lbs)
Dimensions (W x D x H)	174 x 186 x 187mm (6.9" x 7.3" x 7.3")
Video Compression	MJPEG, H.264 / SVC

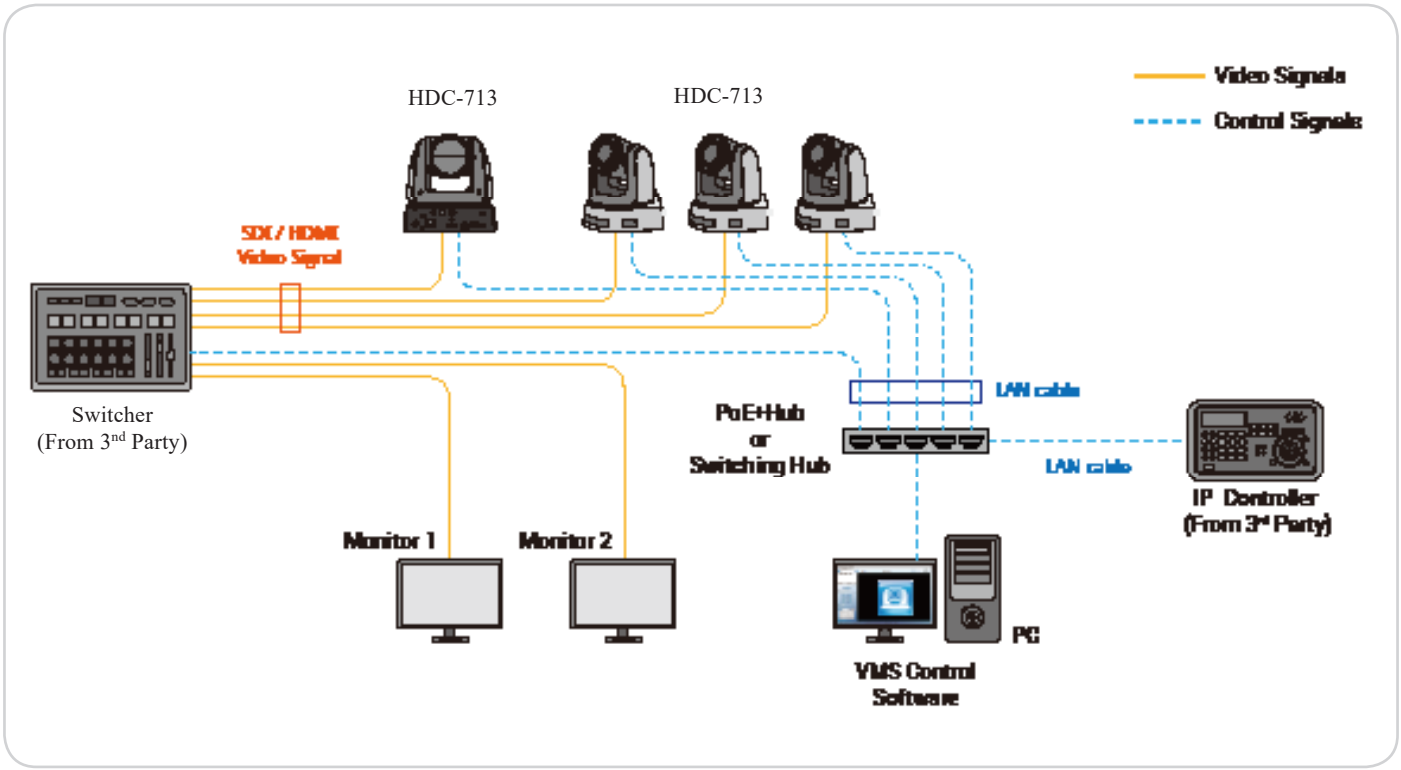
I/O CONNECTIONS



Single Camera Connection



Multi-Camera Connection



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Changes in specification or design may be done without notification.

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