



## BC-602

### 30x Zoom 1080p IP Box Camera

Lumens BC-602 is a 1080p 60fps and 30x optical zoom High Definition compact block camera. BC-602 features HDMI 2.0 and 3G-SDI ports and supports triple stream video output over IP. With multiple remote control options, the camera is ideal for houses of worship, education, sports production, broadcast television, newscasts, corporate video, courtrooms capture, live streaming, and a variety of ProAV applications.

#### Key Features

- Professional HD camera
- 30x optical zoom
- Triple Stream Video
- Power over Ethernet
- Secure SRT and RTMPS Streaming



#### Professional HD camera

The Lumens BC-602 is a professional-level HD box camera. Its 1/2.5" 8.57MP CMOS sensor produces crystal clear pictures even in low light conditions. Users have full control over aperture, white balance, and exposure settings to deliver the images and colors your production requires. WDR (Wide Dynamic Range) and 3D noise reduction provide superior performance in high contrast environments and where lighting is variable.



#### Ideal for AV, Broadcast and Video Workflows

BC-602 outputs video via its Ethernet, HDMI, and 3G-SDI interfaces. This flexibility means that the camera can join IP networks, send video to recorders and encoders, and connect to video switchers and mixing desks. Small and lightweight, BC-602 can be suspended from the ceiling or attached to a wall, giving the user versatile mounting options.



#### Triple stream video

Equipped with Lumens' triple stream technology, the BC-602 encodes multiple IP outputs in HEVC and H.264 formats, tailored for your network environment. Technicians can route each stream as appropriate. For example, the high-quality HEVC stream can be routed to in-venue screens and recorders; high-resolution H264 stream can be viewed by users via a CDN such as YouTube or Facebook. A low bandwidth version enables confidence monitoring, locally or remotely.



#### Secure Streaming

As well as supporting RTSP, RTMP, and MPEG-TS, BC-602 generates secure RTMPS and SRT streams. These encrypted outputs are increasingly supported by video delivery networks and decoders, because of the level of privacy and content protection they offer. SRT is ideal for low latency delivery over the Internet and wide area networks at lower bitrates, giving viewers an excellent user experience even over poor connections.



#### Power and Control

BC-602 is loaded is designed to be easy to install and integrate. It includes audio in and out ports, RS-232 in and out, and DC power in. Flexibility does not stop there. Camera control is via RS-232 or over IP. Camera power is via the supplied DC adapter or PoE (Power over Ethernet).

## Product Specifications



Camera	
Sensor	1/2.5" 8.57MP CMOS
Video Format	1080p : 60 / 59.94 / 50 / 30 / 29.97 / 25 720p : 59.94 / 50 / 29.97 / 25 1080i : 60 / 59.94 / 50
Video Output (HD) Interface	HDMI / 3G-SDI / Ethernet
Optical Zoom	30x
Digital Zoom	12x
Horizontal Viewing Angle	60°
Vertical Viewing Angle	33.8°
Diagonal Viewing Angle	68.8°
Aperture	F1.6 ~ F4.9
Focal Length	5.5 mm ~ 159mm
Shutter Speed	1 ~ 1/10,000 sec
Minimum Object Distance	1.5m (Wide/Tele)
Video S/N Ratio	> 50dB
Minimum Illumination	0.1 lux (F1.6, 50IRE, 30fps)
Focus System	Auto / Manual / Smart AF
Gain Control	Auto / manual
White Balance	Auto / manual
Exposure Control	Auto / manual
WDR	Yes
3D NR	Yes
Image Flip	Yes
Tally Light	Yes
Preset Positions	256

Output	
HDMI / 3G-SDI	1080p 60fps
IP Stream	HEVC(H.265) 1080p 60fps H.264 1080p 60fps H.264 640x360 30fps
IP Compression	H.264 / HEVC(H.265)
Network	
IP Protocol	RTSP / RTMP / RTMPS / MPEG-TS / SRT
PoE	PoE (IEEE802.3af)
Audio	
Audio Input	Line In / MIC In
Audio Output	Ethernet / HDMI / SDI
Audio Compression Format	AAC / G.711
Camera Control	
Interface	RS-232 / Ethernet
Protocol	VISCA / VISCAIP / ONVIF
General	
DC In	12V +/- 20%
Power Consumption	PoE : 10.5W DC In : 9.5W
Weight	2.2 lbs (1 kg)
Dimension	7.4" x 2.6" x 2.6" (187 x 67 x 67 mm)

## I/O Connections



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