

BoxCaster Tech Specs

VIDEO INPUT

- 1x HDMI HD Video Input (480i to 1080p60)
- 1x Composite SD Video Input (NTSC/PAL)

AUDIO INPUT

- Embedded Audio Input
- 2x RCA Stereo Line In Audio Input (48 kHz)

VIDEO ENCODING

- H.264 high profile level 4.2

BACKHAUL PROTOCOLS

- BoxCast Flow: backhaul protocol providing adaptive recovery, content-aware forward error correction, encryption, link quality adjustment, and TCP/UDP diversity.

AUDIO ENCODING

- AAC-LC audio compression

SUPPORTED INPUT RESOLUTIONS

- 480p 29.97/30/59.94/60
- 525p 60
- 576p 25/50
- 720p 25/29.97/30/50/59.94/60
- 1080i 50/59.94/60
- 1080p 25/29.97/30/50/59.94/60

STREAMING RESOLUTIONS

- Up to 720p30 inputs encode at same resolution
- 720p60 input encodes 720p at 30fps
- 1080p60 input encodes 720p at 30fps
- 1080p30 input encodes 1080p at 27fps
- 1080i60 input encodes 1080p at 23fps

STREAMING DESTINATIONS

- BoxCast Platform, including native players for web, mobile, Apple TV, and Roku
- Facebook Live
- YouTube
- Periscope
- Twitch
- Other RTMP Destinations

ADDITIONAL CONNECTIONS

- USB Input for BoxCast Wireless Scoreboard Adapters
- 10/100BASE-T Ethernet Input

NETWORK

- Ethernet: 10/100BASE-T port
- WiFi: 802.11agn Wifi with Beam Forming MIMO
- IP address assignment via DHCP
- Automatic Firmware Updates

MINIMUM UPLOAD SPEED TO STREAM

- 480p30 — 1.5 mbps
- 720p30 — 3 mbps
- 1080p30 — 6 mbps

POWER

- 12V DC Power Supply Included
- 5W to 10W nominal power consumption with USB accessories

DIMENSIONS

- 4.34"W x 3.06"D x 0.94"H (11.02cm x 7.77cm x 2.38cm)

WEIGHT

- Weight: 0.5 lbs (0.23 kg)

BODY

- Rugged, plastic casing
- Slip-free, Dampening Rubber Feet

CLIMATE

- Temperature: 0 to +70 C
- Humidity: 0% to 90% non condensing

CONTROL

- Simple, 3 Light, No Button Interface
- Schedule & Setup Broadcasts from Responsive, web-based Dashboard or Broadcaster App for iOS
- Automated Start/Stop Scheduling