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HDMI Video Encoding for RTMP Internet Broadcasts

Just Add Your Topic, An I/P Connection & Your Audience, We Do The Rest!

Sencore has packaged everything you need to Stream content to your audience hassle free!

We have packaged together our 200E encoder set up for H.264 High Definition with HDMI input to work with most Internet speeds. This along with our C10, 1080P Video camera, 65GB memory card, a tripod, a wireless microphone and all the necessary cables so you can be up and running in minutes.

It's All There For You To Get Started

This package allows you to upload to social media platforms such as YouTube, Facebook Live, Twitch or any RTMP site on the Internet.

Streaming Kit Includes

- Impulse 200E Live Streaming Encoder
  - ·Sencore C10 1080p Camcorder
  - ·Camera bag with strap handle
  - ·Wireless remote control
  - ·Mini-HDMI to HDMI video cable
  - ·Mini-USB to USB data cable Battery and charger
  - ·Super Wide-Angle Lens (with bag & cloth)
  - ·10x Optical Zoom (built-in)
  - ·120x Digital Zoom (built-in)
- Bluetooth Microphone
  - ·Wireless lavalier microphone
  - ·Bluetooth transceiver with 3.5mm output
- 64GB SD Memory Card
  - ·Compatible with 200E and C10 Camcorder
  - ·200E records up to 8+ hours of 1080p video
- Tripod
  - ·58" tall with fluid pan/tilt motion
  - ·Tripod bag with shoulder strap and zipper

IMPULSE-SK *Impulse Streaming Kit*

HOW DOES IT WORK?

The included Sencore C10 camera supports up to 1080p video and sends a live HDMI signal into the Encoder. The Impulse 200E converts the live HDMI into an industry standard RTMP(S)signal suitable for transmission over the internet. Everything you need to get started including the tripod, memory cards, and cables are all included.

All you need at the camera location is a standard 120V/AC power outlet, social media account and wired ethernet cable connection. Use any computer or mobile phone browser to configure settings over the local network or use the 200E encoders built in front pane.
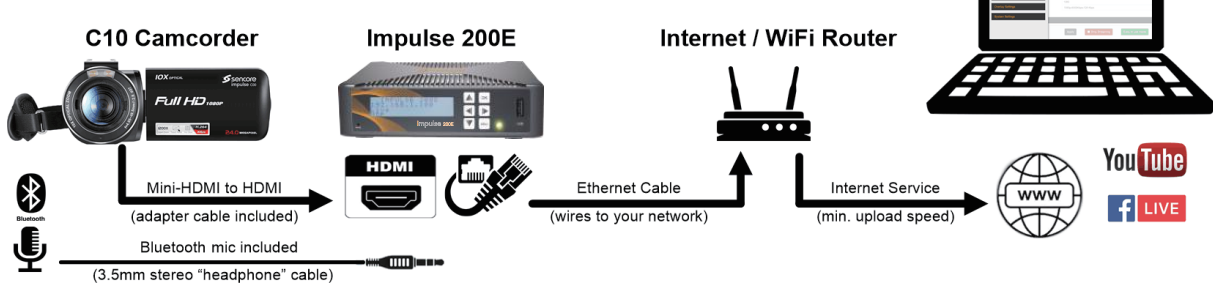
Backed by a US based support team of knowledgeable experts, the Impulse Streaming Kit is the easiest way to simultaneously record and stream live video over services like Youtube, Facebook Live, Twitch, Ustream, and more. Once the live streaming session is over, remove the included 64GB SD memory card for traditional video editing of a .MP4, .MOV, or .TS style copy.

Steam in three easy steps

Step 1. Camera sends high definition HDMI signal to 200E Encoder
Step 2. Configure encoder via web-interface on PC or mobile browser
Step 3. Impulse 200E converts and sends RTMP video to the Internet

C10 Camcorder — **Impulse 200E** — **Internet / WiFi Router**

Mini-HDMI to HDMI
(adapter cable included)

Ethernet Cable
(wires to your network)

Internet Service
(min. upload speed)

Bluetooth mic included
(3.5mm stereo "headphone" cable)

APPLICATIONS

- Broadcast any live event in HD for free (Youtube, Facebook Live, Twitch, Ustream, Wowza, and more!)
- Stream Online and simultaneously record a copy to SD memory for traditional video editing later
- Playback previously recorded video from SD memory to any RTMP service or over the local network
- Move SD memory from Impulse 200E to C10 Camcorder for traditional battery-operated use
- Connect HDMI output of PC graphics card right into encoder for a dedicated RTMP uplink
    - Use Streaming Kit with PC running Powerpoint
    - Stream live House-Channels or looped advertising content
- Use Streaming Kit with popular software over the local area network (UDP/Multicast H.264/HEVC)
    - Compatible with OBS Studio (free streaming software for PC/Mac)
    - Combine Impulse Streaming Kit with OBS software for incredible green-screen effects!

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TECHNICAL SPECIFICATIONS

Impulse 200E-Encoder & Streamer

Video	1 channel of H.264 or H.265 SD/HD program encoding
Audio	1 pair of MPEG1L2, AAC or AC3 audio

Physical Interfaces

Input	1 x HDMI 1 x CVBS for CC input 1 x Audio IN (3.5mm)
Output	1 x RJ45 1 x HDMI loop out
Other I/O	1 x USB 2.0, 1 x SD Card Standard Interface LCD x 1, Front button x 5, Reset button x 1

Streaming

Protocol	UDP, RTSP, RTMP, RTMPS, HLS
Application	Live point-to-point uplink for internet streaming CDN handles large volume of clients

Operating Mode

Live	HDMI video encoded to live IP stream Start/Stop manually in web-interface or front panel
Recording	Record streams as TS, MP4, MOV to external memory Supports up to 64GB SD (FAT32) memory Start/stop recording manually or save as multiple files
Playback	Playback recorded streams from external memory Supports up to 64GB SD (FAT32) memory Loop simply playlist of recorded files Supports TS, MP4, MOV file formats Stream from memory when live HDMI is not available

Management

Configuration	Web-GUI (easy or advanced mode) or front panel Power-on and play (by preset or last configuration)
Status/Monitoring	LCD display of status Remote monitoring of status and current program

Physical & Environment

Dimensions	144mm x 118mm x 38mm (5.67" x 4.65" x 1.5")
Weight	0.3kg (0.66 lb)
Power	12V DC port x 1 Max. 9W
Operating Temperature	10°C~40°C (50°F~104°F)

Impulse C10-HD Video Camera

Sensor	5.0 mega-pixel CMOS sensor
Optical zoom	10 X
Digital zoom	120 X
Lens	f=4.95~49.5mm (0.19"~1.9") F.NO 2.8 Ø: 37mm (1.46")
Focus Range	wide: 0.1m (0.33')~INF Tele: 1.5m (4.92')~INF Marco: wide 0.1m(0.33')~Tele 1m (3.28')
Video Output Resolution	FULL HD: 1920 x 1080p @30fps HD: 1280 x 720p @ 30 or 60fps SD: 640 x 480 @ 30fps
Interfaces	1 x HDMI V1.3, Mini C Type 1 x USB2.0 1 x hot shoe 1 x SD card slot (Max. 64GB)
LCD Display	3.0"touch TFT (16:9)
Battery	NP-40B Lithium Battery (4.2V)
Dimensions	126mm x 58mm x 61mm (4.96" x 2.28" x 2.40")
Weight	Approx. 0.3kg (0.67 lb) (excluding battery)
Operation temperature	0°C~40°C (32°F~104°F)

Tripod

Material	Aluminium, Technopolymer and ABS plastic
Head Type	Fluid Drag Pan head
Height Range	540mm~1520mm (21.3"~59.8")
Leg sections	4
Leg Lock Type	Lever Locks
Safety Payload	3kg (6.61 lb)

Wireless Bluetooth Microphone

Type	Lavalier Microphone (clips to collar)
Frequency	2.4GHz
Distance	15m (49.21')
Plug	3 Pole 3.5mm jack, a 6.35 Adapter

Specifications Subject To Change Without Notice   Rev €Î ËȮ€   ©Toner Cable Equipment, Inc.