

ez-Caster EN8

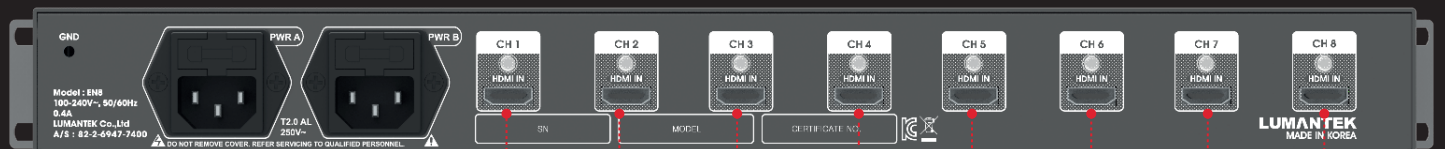
8 CHANNEL VIDEO OVER IP ENCODER

Discover the new ez-Caster EN8! HD quality video distribution solution with H.264 compression. ez-Caster EN8 comes with 8 HDMI channels over IP distribution system and multi-channel encoding feature (up to 1080i60) for video and audio over a standard IP network for excellent quality and low network bandwidth.

It connects to a maximum number of 8 satellite or cable STB to acquire HD video signals and distributes over an IP based network, such as LAN and Intranet. It turns a HDMI video stream into a video system network and enables users to view live images and HD videos using video management software on any local IP STB or remote computer in the network.



< Front >



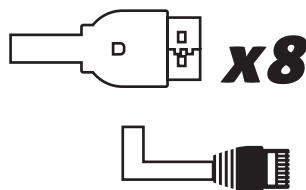
< Rear >

Video Resolution setting



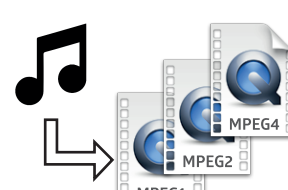
Set the outgoing resolution to the resolution you need. You can choose from 480i60, 720p30, 1080p30, and 1080i60. *Resolution setting cannot go over the resolution of the input source.

8 Ch HDMI over IP Distribution



Set the outgoing resolution to the resolution you need. You can choose from 480i60, 720p30, 1080p30, and 1080i60. *Resolution setting cannot go over the resolution of the input source.

Stereo Audio Encoding



Set the outgoing resolution to the resolution you need. You can choose from 480i60, 720p30, 1080p30, and 1080i60. *Resolution setting cannot go over the resolution of the input source.

Network Management System "ez-Caster"



Manage your network with the "ez-Caster" software. You can control streaming destination I.P. addresses, outgoing resolution, encoding rates (system, video and audio) and audio codecs all in one screen.

ez-Caster EN8

8 CHANNEL VIDEO OVER IP ENCODER

System Specification

Input

HD Encoder + IP
HDMI 1.4 x 8ch

Video Resolution

1920 x 1080 @ 30p, 29.97p, 25p, 24p, 23.98p
1920 x 1080 @ 60i, 59.94i, 50i
1280 x 720 @ 60p, 59.94p, 50p
720 x 480 @ 60i, 59.94i (NTSC)
720 x 576 @ 50i (PAL)
Resolution Auto Detection

TS Mux & System

System Delay (Normal mode) : 150ms +
(300ms/ 500ms/ 1000ms)
System Delay (Low Latency) : 120ms
TS Bit-rate : 4 - 20 Mbps
Editable TS ID, PMT/ PCR/ Video/ Audio PID

Video Encoder

Codec : H.264
Profile : HD/ SD (HP@L4/HP@L3)
Bit rate : 3.5 Mbps - 18Mbps

Audio Encoder

MPEG1-Layer2, MPEG2-AAC, MPEG4-AAC
(Stereo)
64, 96, 112, 128, 160, 192, 224, 256, 320,
384KHz(MPEG1-Layer2)
48 - 512KHz(MPEG2-AAC, MPEG4-AAC)
Sample rate : 48KHz

IP Output

Ethernet : 1000Base-T, full duplex
Streaming Protocol : MPEG2- TS/UDP
Transport Protocol : UDP, Unicast or Multicast

Management

S/W Control GUI through Ethernet/ USB (NMS)
Ethernet : 10Base-T/100Base-TX (half/full-duplex)
USB 2.0 support

Physical

Dimension : 45(H) x 420(W) x 290(D)
Operation Temperature : 0 - 45 C
Weight : 2.1 Kg
Power Consumption : 30W (max.)