

ENC110S SD Encoder



The ENC110S SD Encoder, captures video content from cameras, Media Players, DVD or any other SD device and distributes the content over an IP network through a REX server, together with crystal clear audio. Utilizing H.264 adaptive encoding algorithms, the ENC110S consistently delivers outstanding quality content, and extremely modest bandwidth utilization.

The ENC110S may be rack-mounted side-by-side in a standard 19-inch cabinet.

Features :

- ☐ **High Definition Video** - 720p/1080i/1080p
- ☐ **Standard Definition Video** - Capture and encode standard definition video CIF/4CIF.Support PAL and NTSC signals
- ☐ **Encoding** - Encode video content for distribution over IP network in H.264 High Profile
- ☐ **Low Delay** - Deliver video to PC or other devices with extremely low latency
- ☐ **WEB Management Interface** - Support for remote management, including bandwidth setting, frame rate setting and firmware upgrade
- ☐ **Bandwidth Control** - Bandwidth range from 128Kbps to 10Mbps
- ☐ **Character Generator** For time and title insertion
- ☐ **Real-Time Streaming Protocol (RTSP)** – Allows users to connect to the content by many downloadable RTSP players like VLC player.
- ☐ **Camera Control** Built in serial ports for remote control of camera PTZ and focus control.

For More Information:

Website: www.reach-us.net or email: info@reach-us.net

Tel. (978) 536-7069

Specifications :

Management	Web interface Reach Encoder Manager Reach Multimedia Recording & Streaming Server
Resolution	CIF 4CIF NTSC/PAL
Frame Rate	1 to 30 fps
Audio Sampling Rate	44.1KHz 48KHz
Encoding	Video: H.264 High Profile Audio: AAC
Bandwidth Control	128Kbps to 5Mbps (adjustable) VBR CBR
Power	DC 12V 3A, 8W
Environment Data	Operating temperature: -20° C to 60° C Relative humidity: 5% to 95% Storage and transport temperature: -40° C to 80° C
Physical Dimensions	220.0mm ×221.0mm×44.5mm

Rear Panel:



No.	Connector	Description	No.	Connector	Description
1	Power Input	DC 12V	6	MIC IN	Lo-Z Balanced Mic Input
2	DVI-I Input	DVI, HDMI, or VGA HD Video Input	7	LINE IN	Unbalanced Hi-Z Line input
3	RS232	RS-232 Serial Control I/O for Camera Control	8	LAN	RJ45 LAN Port
4	RS485	RS-485 Serial Control I/O for Camera Control	9	Reset	Resets encoder to factory default
5	MIC IN	Hi-Z Unbalanced Mic Input			

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Related Products:

Rex Server: A robust multi-encoder server available as

CF-8 (8 Encoders, 40 concurrent users)

CF-16 (16 Encoders, 80 concurrent users)

CF-24 (24 Encoders, 120 concurrent connections)

CF-32 (32 Encoders, 160 concurrent connections)

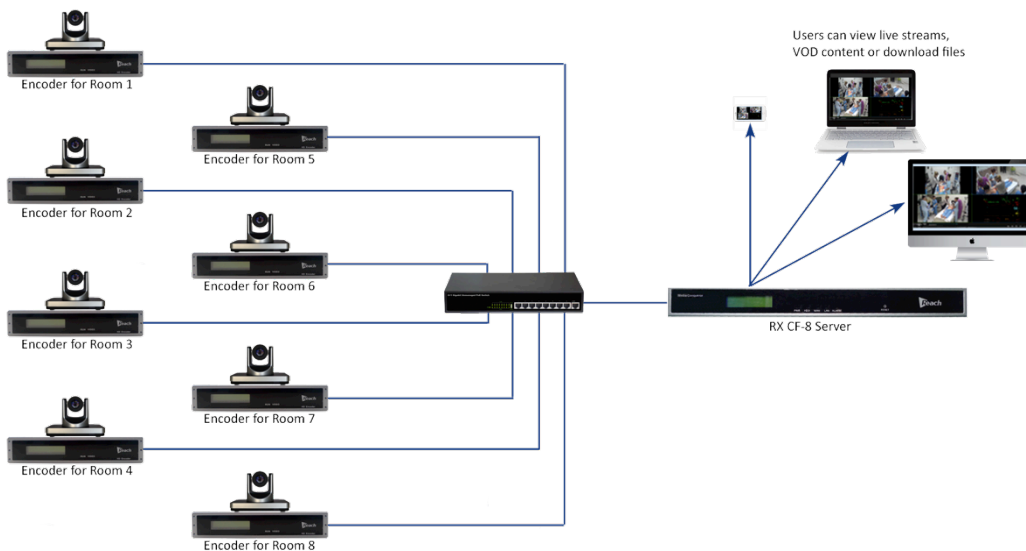
CF-48 (48 Encoders, 200 concurrent connections)

ENC120S VGA Encoder

ENC1200S HD Encoder

DEC1000 HD/SD Decoder

Conceptual Flow Diagram



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