

# ENC110: SD Encoder

## DESCRIPTION

The ENC110S SD Encoder captures video content from cameras, media players, DVDs 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.



PART #: REA-ENC110

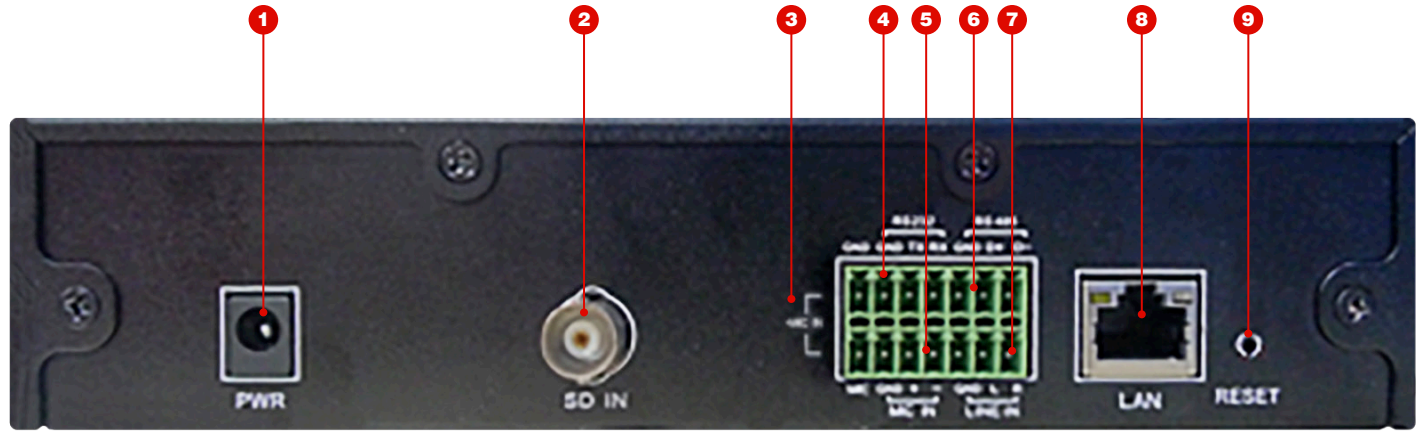
## FEATURES

- **STANDARD DEFINITION VIDEO:** Capture and encode standard definition video CIF/4CIF 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 including VLC players
- **CAMERA CONTROL:** Built in serial ports for remote control of camera PTZ and focus control

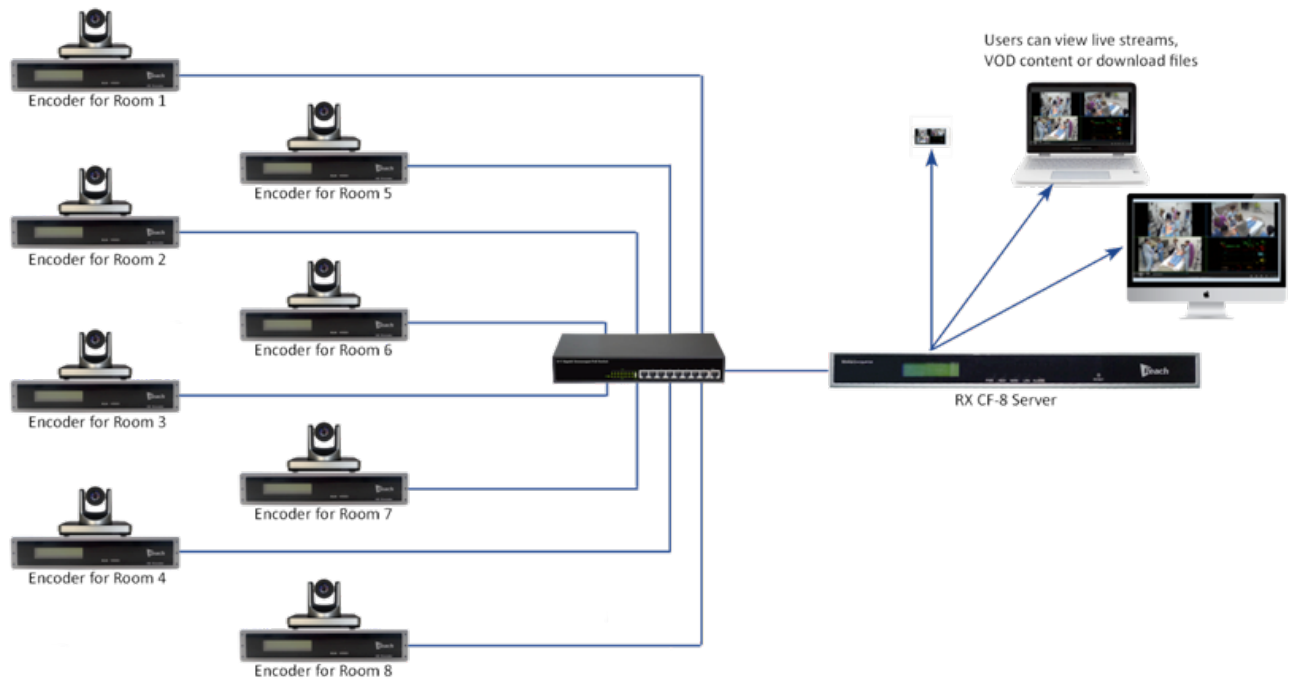
## SPECIFICATIONS

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 x 221.0mm x 44.5mm





No.	Component	Description	No.	Component	Description
1	Power Input	DC 12V	6	RS485	RS-485 serial control I/O for camera control
2	Video Input	BNC video input	7	LINE IN	2 channel unbalanced Hi-Z line input
3	MIC In	Hi-Z unbalanced mic input	8	LAN	RJ45 LAN port
4	RS232	RS-232 serial control I/O for camera control	9	Reset	Resets to factory default settings
5	MIC In	Lo-Z balanced mic input			



**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

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