

ENC120: VGA Encoder

DESCRIPTION

Utilize the Reach VGA Encoder to deliver your presentation content from a PC, electronic white board, Visualizer or any other VGA signal output device over an IP network through a REX server, together with crystal clear audio.. With H.264 high profile encoding algorithm, the ENC120S provides high quality video and crystal clear audio content, all with lower bandwidth utilization.



PART #: REA-ENC120

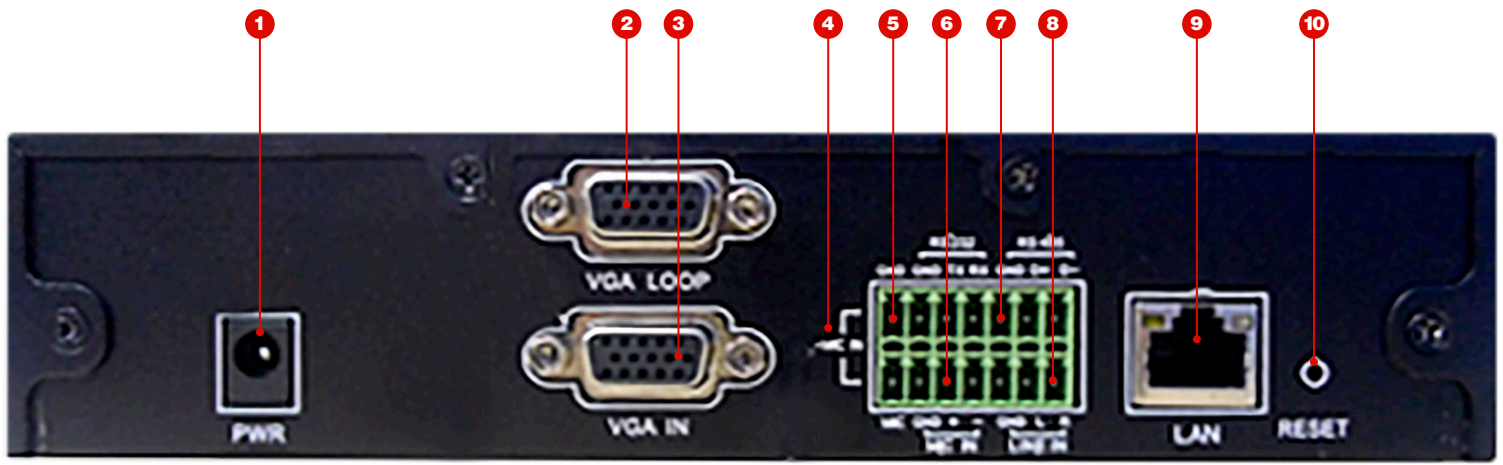
FEATURES

- **HIGH FRAME RATE VGA CONTENT** - 1 to 30 FPS, resolution up to 1600x1200
- **ENCODING** - Encode video content for distribution over an IP network in H.264 high profile
- **LOW DELAY** - Deliver video to PC or other devices with extremely low latency
- **WEB MANAGEMENT INTERFACE** - Support remote management including bandwidth setting, frame rate setting and firmware upgrade
- **BANDWIDTH CONTROL** - Bandwidth range from 128Kbps to 10Mbps
- **SUPPORTS MPEG2 TRANSPORT STREAM (TS)** - Unicast/multicast streaming, can be received by VLC or other transport stream players
- **REAL-TIME STREAMING PROTOCOL (RTSP)** - Allows users to connect to the content by many downloadable RTSP players including VLC player.
- **CAMERA CONTROL** Built in serial ports for remote control of camera PTZ and focus control
- **TITLE FUNCTION** - Add titles anywhere on the content with a robust palette of colors and backgrounds
- **SNAPSHOT INDEX** - Generate snapshot index points automatically for simple highlight review

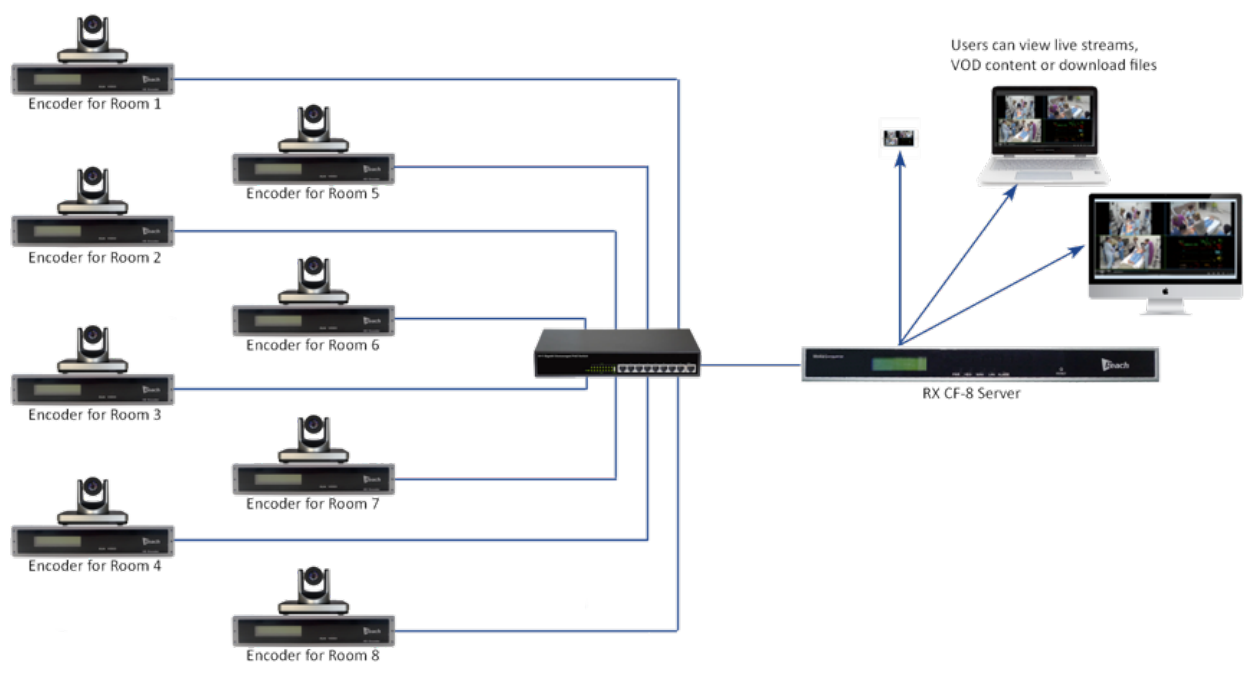
SPECIFICATIONS

Management	Web interface, Reach Encoder Manager, Reach REX Server
Resolution	640x480, 800x600, 1024x768, 1280x720, 1280x768, 1280x800, 1280x900, 1280x960, 1280x1024, 1366x768, 1400x1050, 1440x900, 1600x1200
Frame Rate	1 to 30 fps
Audio Sampling Rate	44.1KHz, 48KHz
Encoding	VGA Encoding: H.264 High Profile, Audio Encoding: AAC
Bandwidth Control	128Kbps to 10Mbps (adjustable), VBR, CBR
Interface	VGA Input: 15-pin Dsub, VGA Loop: 15-pin Dsub, Audio Input: Phoenix MIC/Line, Network Interface: 100/1000Mbps (RJ45) , Camera Control Interface: RS232/RS485
Power	120-240VAC brick to DC 12V 3A, 15W
Environment Data	Operating temperature: -20°C to 60°C , Relative humidity: 5% to 95%, Storage and transport temperature: -20°C to 80°C
Physical Dimensions	Length x Width x Height: 220.0mm x 221.0mm x 44.5mm





No.	Component	Description	No.	Component	Description
1	Power Input	DC 12V	6	MIC IN	Lo-Z balanced mic input
2	VGA Loop	VGA Loop	7	RS485	RS-485 serial control I/O for camera control
3	VGA Input	VGA Input	8	LINE IN	2 channel unbalanced Hi-Z line input
4	MIC In	Hi-Z unbalanced mic input	9	LAN	RJ45 LAN port
5	RS232	RS-232 serial control I/O for camera control	10	Reset	Resets to factory default settings



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)

- ENC1200S:** HD encoder
- ENC110S:** SD encoder
- DEC1000:** HD/SD decoder