ENC1200S HD Encoder

Digitize and encode virtually any HD video signal for distribution over IP network in the H.264 High Profile format. Capable of providing Transport Stream & Real Time Streaming Protocol transports.

Features :

- ☐ **High Definition Video -** 720p/1080i/1080p
- ☐ **High Frame VGA Content -** 1 to 30 FPS, resolution up to 1600×1200
- ☐ **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 remote management, including bandwidth setting, frame rate setting and firmware upgrade
- ☐ **Bandwidth Control -** Bandwidth range from 128Kbps to 20Mbps
- ☐ **Support 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 like 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

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 REX Server	
3G-SDI Input	1280×720P@50@60 1920×1080I@50@60 1920×1080P@25@30@60	
DVI-I Input	640×480@60@72@75@85 800×600@60@72@75@85 1024×768@60@75@85 **1280×720P@50 and 60Hz** 1280×720@60@75HZ@85Hz 1280×768@60 1280×800@60 1280×960@60	1280×1024@60 1366×768@60 1400×1050@60 1440×900@60 1600×900@60 1600×1200@60 **1920×1080I@50 and 60FPS** **1920×1080P@25,30,50 and 60FPS**
Frame Rate	1080P: 1 to 30 FPS; 720p: 1 to 60 FPS	
Audio Sampling Rate	44.1KHz 48KHz	
Encoding	Video: H.264 High Profile Audio: AAC	
Bandwidth	128Kbps to 20Mbps (adjustable)	
Power	AC 120-240VAC brick to DC 12V 3A, 8W	
Environment Data	Operating temperature: -20º C to 60º C Relative humidity: 5% to 95% Storage and transport temperature: -40º C to 80º C	
Physical Dimensions	220.0mm ×221.0mm×44.5mm	

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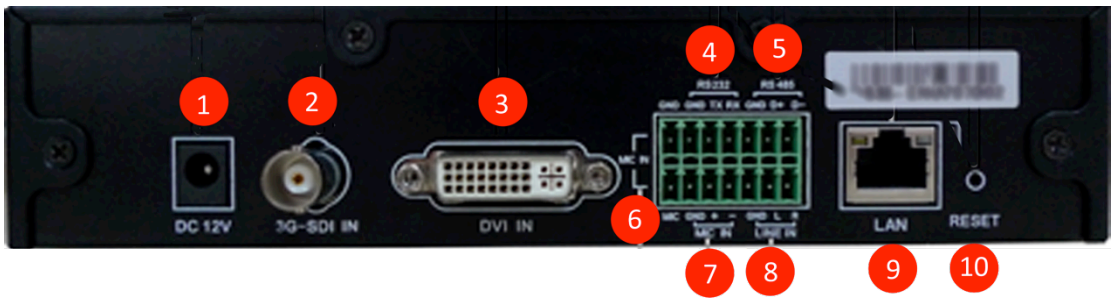
Rear Panel:



No.	Connector	Description	No.	Connector	Description
1	Power Input	DC 12V	6	MIC IN	Hi-Z Unbalanced Mic Input
2	3G-SDI Input	Coaxial HD Video Input	7	MIC IN	Lo-Z Balanced Mic Input
3	DVI-I Input	DVI, HDMI, or VGA HD Video Input	8	LINE IN	Unbalanced Hi-Z Line input
4	RS232	RS-232 Serial Control I/O for Camera Control	9	LAN	RJ45 LAN Port
5	RS485	RS-485 Serial Control I/O for Camera Control	10	Reset	Resets encoder to factory default

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

ENC110S SD Encoder

DEC1000 HD/SD Decoder

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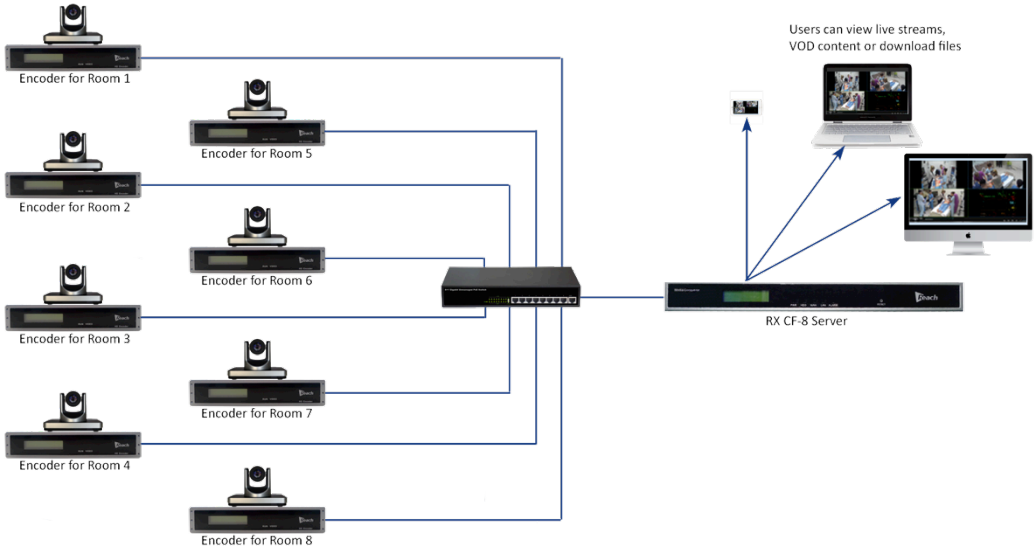
Conceptual Flow Diagram:



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