H.264 VIDEO STREAMING SERVER
NVS-20

NVS-20 H.264 Video Streaming Server

Datavideo NVS-20 is a broadcast quality HD/SD H.264 network streaming server, designed stream a live event in real-time. Equipped with HD/SD-SDI, HDMI and CVBS inputs, NVS-20 generates an H.264-encoded stream compliant with DHCP client, HLS, RTSP, RTMP. The unit is remotely controlled using any computer or mobile device with a web browser. Users can view real-time video with audio data through the web UI.
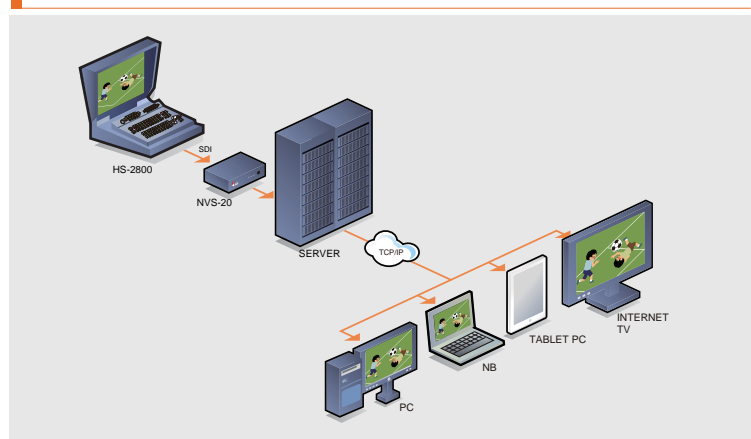
H.264

Network Compaitibility

For very quick and easy setup, DHCP Client is enabled on NVS-20. The device supports multiple streaming protocols, including MPEG transport stream over HLS, RTSP, RTMP. NVS-20 is an ideal partner for Windows or Apple-based servers.

H.264 Encoding

With NVS-20, incoming video and audio signals are encoded to H.264 for instant live streaming on the Internet or over local networks

DIAGRAM

FRONT PANEL

POWER   USB(H.264)   MODE SELECT

REAR PANEL

AUDIO INPUT   HDMI   CVBS   DC 12V INPUT
                           SDI IN   OUTPUT TO
                                     NETWORK

NVS-20 SPECIFICATION			
Encoded Video Stream	• H.264/AVC up to High Profile Level 4.0 • Up to 1920x1080 @ 30 fps • Configurable bitrate up to 6Mbps	Audio Encoding	• AAC-LC Audio Codec • 48KHz /16-bit Sampling Rate • Configurable bitrate up to 384Kbps
Video Inputs	• 1x HD/SD-SDI • 1x CVBS • 1x HDMI	Network Feature	• DHCP Client • RTP/RTSP/RTMP/HLS
Audio Inputs	• SDI Embedded Audio Supported. (2-Channels) • HDMI Embedded Audio Supported (2-Channels) • 2x XLR (One Stereo Pair) • 2x RCA (One Stereo Pair)	Control	• Web UI for System Configuration and Control • Shortcut Buttons for Start/Stop Streaming
Outputs	1x RJ-45 Female (10/100 Ethernet) 1x USB 2.0 for Recording to USB Drive		
Supported Video Resolutions	• 1080i (50/59.94/60Hz) • 720p (50/59.94/60Hz) • 576i (50Hz) • 480i (59.94Hz)		
* NVS-20 is made with a Locking Power Connector			