Product Features
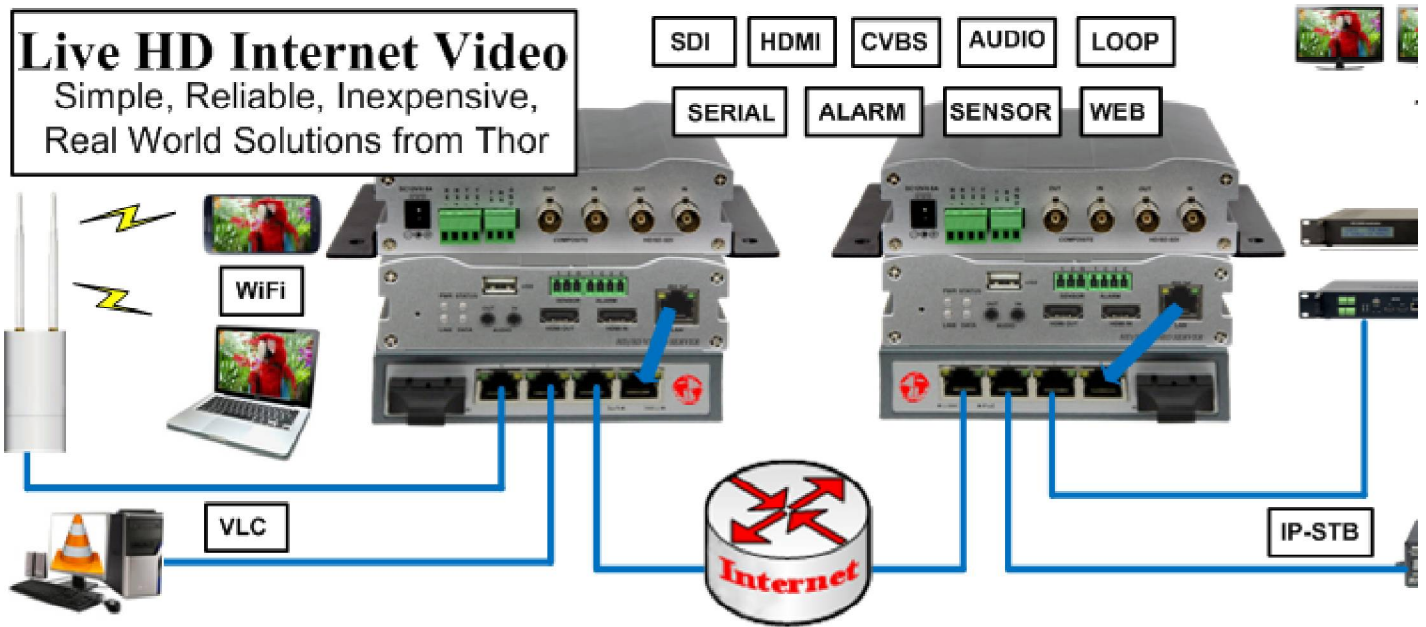
• H.264 Hardware Encoding at 1080p60 for HD-SDI andHDMI video

• Supports UDP, RTP, RTSP, HTTP, and HTTPS Streaming Protocols

• Supports Embedded Audio from HD-SDI and HDMI as well as Analog Audio Input

• Local USB recording and remote FTP upload with incremental file name

• Supports secondary encoding and streaming inMJPEG format

• Optional Decoder function allows decoding to HD-SDI &HDMI from network Streams

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Product Specifications	Model# H-NVS-3000
All Specifiactions Subject to Change Without Notice	
Encoding Profiles	

Encoding Profiles Supported	H.264-HL \ MPEG-TS \MJPEG
Supported Video Protocols	**UDP**: User Data Protocol most basic video protocol with no client feedback ability **RTP**: Real Time Protocol offers better encapsulation than more basic UDP streams **Multicast UDP/RTP**: Supports multicast addressing &IGMP for both UDP and RTP **RTSP**: Real Time Streaming Protocol for clean internet video transport without glitches **HTTP**: Hyper Text Transfer Protocol allows streaming through firewalls & Routers **HTTPS**: HTTP Secure allows encryption and secure access to live or web streams **SMTP**: Simple Mail Transfer Protocol sends emails of triggered events with video clips **FTP**: File Transfer Protocol uploads video files in sequence to any FTP account, anywhere **PSIA**: Physical Security Interoperability Alliance for compatibility between PSIA devices **ONVIF**: Common protocol for the exchange of information between network video devices
Video Codecs	H.264 HD MJPEG SD
Audio Codecs	MPEG AAC G.711
Audio Sample Rate	32 KHz AAC 8 KHz G.711
Audio Bit Rates	64 kbps, 128 kbps AAC 64 kbps G.711
Supported Video Inputs	**HDMI 1.4**: High Definition Multimedia Interface - Supports embedded audio **3G-SDI**: 3.0Gbps Serial Digital Interface broadcast video on coax BNC with embedded audio **CVBS**: Composite video baseband for analog audio and video input on BNC and 3.5mm
Supported Video Resolutions	352x240 - 1920x1080 (18 steps)
Video Bit Rates	32kbps - 16Mbps

Network Interface	Ethernet 10/100/1000base-T (RJ-45)
Network Protocols	**IPv4/v6**: Supports both IPv4 and IPv6 internet protocol addressing systems **TCP**: Transfer Control Protocol, essential for proper network communication **DHCP**: Dynamic Host Configuration Protocol automatically gets IP from router **DDNS**: Dynamic Domain Name System supports domain mapping for non-static IPs **UPnP**: Universal Plug and Play allows simply network discovery
Motion Detection	Supports configurable motion detection and event triggering
Local Storage	1 x USB 2.0
Power Input	12 VDC/1.0A PoE 802.3af
Dimensions	134 x 125 x 37 mm
Weight	0.5 kg
Operating Temperature	-10 - +50 C

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