TELVUE
We share your vision™

TelVue® ProVue™ HD

Professional IP Broadcast Decoder

Ask About 4K Option

TelVue ProVue provides a valuable gateway between the IP networking & baseband video worlds. This reliable, user-friendly **IP video decoder** converts MPEG-2 transport streams into broadcast quality SD/HD-SDI video for SDI integration, processing, & broadcast – or choose the ProVue HD analog model for composite/component/HDMI output.

Letterbox HD content for SD channels

Automatically detect format changes in the source IP stream

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Seamlessly transition between source formats

↓

Up & down convert to your output settings

↓

Optional Graphic Overlay controlled through the HyperCaster® UI

Pillarbox SD content for HD channels

APPLICATIONS

- Networked IP Broadcast Decoder
- IP Video Decoder
- MPEG-2 Transport Decoder
- SD/HD & Digital/Baseband Simulcast

FEATURES

- Seamless On-The-Fly Format Switching
- Automatic Up & Down Conversion
- SD & HD Up To 1080p
- Unicast, Multicast, SSM, RTP
- Autofade
- MPEG-2 TS, MPEG-1 Layer II & AC-3 Audio
- MPEG-2 & H.264 video input
- SD/HD-SDI or Analog/HDMI output
- Optional Integrated Graphics with Tickers, Bugs and Snipes

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TelVue® ProVue™ HD Specifications

The innovative TelVue ProVue IP broadcast decoder has been designed to enable an IP distribution model while providing standard or high definition digital broadcast quality output for integration with Digital Baseband Video distribution chains.

This user-friendly, Linux-based video appliance features a front panel LCD interface for easy set-up and configuration. Engineered to be future-proof, the TelVue ProVue IP broadcast decoder provides SD and HD broadcast decoding up to 1080p resolution, Genlock, and an internal Solid State Drive (SSD) for high reliability and 24x7 performance.

Input

Video/Audio	IP via 10/100/1000 Ethernet
Stream Type	Unicast, Multicast, SSM, RTP
Genlock (ProVue HD - Digital model only)	1 x Sync Input Blackburst in SD 720p 50 fps 720p 59.94 fps 1080i 50fps 1080i 59.94 fps Tri-Sync in any HD format

Formats

Video	MPEG-2 (ISO/IEC 13818-2) H.264 MPEG-2 TS, CableLabs®, ATSC SD & HD Standards PAL/NTSC/Cinema Support 4:2:0 and 4:2:2
Audio	MPEG-1 Layer II Dolby Digital (AC-3) Decode 2.0 & 5.1 Downmixed

Output

ProVue HD - Digital	Video	SMPTE 292M (HD) & SMPTE 259M (SD)
	Audio	Digital Embedded
ProVue HD - Analog	Video	Composite/Component/HDMI
	Audio	Stereo RCA, HDMI Audio

General

Storage	OS & System Software on Solid State Drive
OS	Linux
Features	Seamless On-The-Fly Format Switching Automatic Up & Down Conversion Save & Restore Stream Preset

Display Resolutions

SD Resolutions	480i 29.97 fps 576i 25 fps
HD Resolutions	1080p 23.98 fps 1080p 24 fps 1080p 25 fps 1080p 29.97 fps 1080p 30 fps 1080i 25 fps 1080i 29.97 fps 1080i 30 fps 720p 50 fps 720p 59.94 fps 720p 60 fps

External Interfaces & Connections (Typically Used)

Front Panel	Power/Fail/Drive LEDs Power/Reset Switch 2 Line LCD 6 Button Interface for Setup
Rear Panel	Dual 10/100 BT/1000 BT Link Data LEDs

Physical

Power	100 – 240VAC/200 Watts
Dimensions	17.2" x 1.7" x 10" (W x H x D)
Weight	10 lbs
Form Factor	1 RU 19" Standard

Note: Specifications are subject to change without notice.

TelVue® Corporation is a broadcast technology innovator and leader that helps video broadcasters automate their channels, expand their audiences across multiple screens, and broaden their ability to monetize their content. TelVue's professional quality broadcast equipment and cloud video services include all-in-one digital broadcast servers, ad servers, live and VOD Internet streaming, multi-user contribution and transcoding, hosted broadcast, broadcast program sharing, and web-based digital signage. TelVue serves the local origination and leased access needs for 9 of the top 10 MSOs and over 100 cable & telco TV operators, powers over 2,500 hyperlocal and PEG channels, and delivers local programming to over 50 million households.

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