



SMP181-HLS

2-Channel HLS Receiver & Decoder



OVERVIEW

As content providers migrate from expensive satellite transmission to web based transmission, this decoder is the perfect choice to guarantee your content being delivered as promised. Properly monitoring HLS streams has never been easier thanks to the industry-first Professional HLS decoder from Wellav. This dual-channel decoder receives HLS content via the web and provides professional HDMI and SDI output.

KEY FEATURES

- Supports receiving two independent HLS streams
- Supports seamless adjustment of the HLS profile
- Supports AES-128 descrambling
- Supports SDI and HDMI decoding outputs
- Supports closed caption extraction and embedding
- Low power consumption and high reliability with MTBF greater than 100,000 hours

ORDERING INFORMATION

WAV-SMP181	HLS receiver (2-channel HLS receiving and decoding)
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SMP181-HLS

2-Channel HLS Receiver & Decoder

Chassis	
Data Processing	2-channel HLS receiving and decoding
Slot	3 slots
Interface	2 x ASI inputs (BNC, Female, 75Ω ports)
	2 x ASI outputs (BNC, Female, 75Ω ports)
	1 x GbE TS/IP, TS/IP (RJ45), 64In32Out of SPTS/MPTS
	1 x management (RJ45)

Management	
Hardware Interface	1 x RJ45 (100Mbps)
User Interface	LED indicators
	LCD screen
	Front panel control
	Web UI
	SNMP (monitoring only)
	DHCP and DNS

HLS Receiving	
Interface	1 x GbE (RJ45)
Capability	2 independent HLS streams
Protocol	HLS (URL manifest.m3u8)

Physical & Environment	
Input Voltage	90~240 VAC
Power Consumption	Max. 60W
Chassis Dimension	480mm x 44mm x 440mm (WxHxD), 1RU
Operating Temperature	0 C ~45 C
Storage Temperature	-10 C ~70 C
Operating Humidity	<95%
MTBF	≥100,000 hours

AES Descrambling	
Algorithm	AES-128
Descrambling	Service level descrambling
Capacity	2 services
Key Rotation	URL manifest or integrate DRM

Closed Caption	
Extraction	HLS stream WebVTT and 608/708
Embedding	608 and 708 caption embedding in SDI output

Decoding/Output	
Interface	2 x SDI and 2 x HDMI
Resolution	480i60, 576i50, 720p50/60, 1080i60/50, 1080p30/25
Audio	Supports 2PIDs of MPEG, AAC or AC3 audio for each channel