

CODAGE ET STREAMING INTERNET



noisypeak **one**

PETIT PAR SA TAILLE ET PUISSANT PAR SES POSSIBILITES.

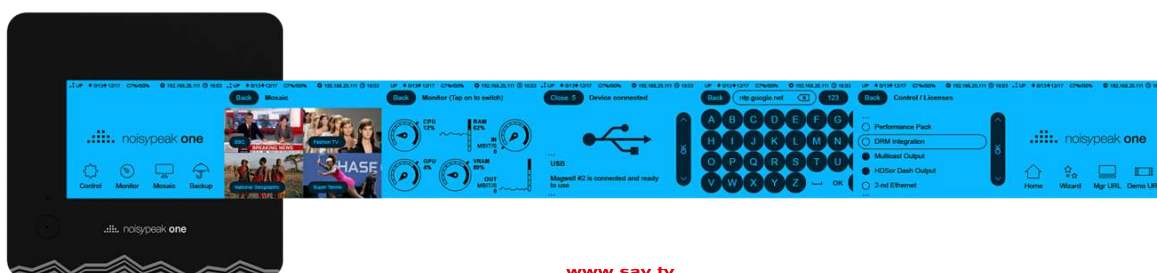
Le noisypeak **one** peut coder et transcoder

- 9 canaux SD en 5 streams multiframe
- 4 canaux HD en 3 streams multiframe
- 45 canaux SD
- 12 canaux HD

Egalement petit par son prix : **2.950 € H.T.***

Entrée SDI ou HDMI avec l'interface Magewell (option)

IP/IP HD-SDI option	adaptive streaming	multi screen	WEB interface / API
DRM integration	multi bitrate	multi format	IP-CAM streaming



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High-availability : Redundancy management system that support : n+1, n+m, 1+1. Input source redundancy (in standard image)
Publishing server redundancy

Front-panel : Power On/Off button - Power LED - Touch-screen for local management / monitoring

Case size : 115x111x52mm (WxDxH)

Power requirements : 100-240V AC, 50-60Hz, 50W (external PSU - included)

Networking : 1xGigabit Ethernet interface - Expandable with external USB cards

Input : RTP/UDP SPTS/MPTS - TS files- file2live, file2vod - HLS - SDI/HD-SDI, HDMI through Magwell®, Blackmagic® add on modules - SDP/Onvif for IP security cams - UVC 1.5 for H.264 USB cams - Dynamic input adjustment for codec and protocols - Audio AAC/AAC LATM, MP2/MP3, AC3

Output : UDP unicast/multicast SPTS, MBTS/SPTS, MPTS MPEG-DASH Live and VOD

HLS - v2 or v4 with multi-language support and optional AES encryption

RTMP

TS and MP4 files

WebDAV or Windows® share (Samba)

Multi format simultaneous publishing

DRM : Nagra® PRM

Verimatrix®

Google® DRM for MPEG-DASH/CENC

AES128 static key

Management : Management of up to 50 encoders in uniform Web interface

Touch-screen local management for noisypeak on

Video encoding : Up to 4K video processing

MPEG2, H.264, HEVC - Intel® Media

SDK and TI® DSP

Video post-processing:

- a. Scaling
- b. Cropping
- c. Deinterlacing
- d. Letterboxing

Audio encoding : Support of multi audio channels

Audio pass-through

MP2/MP3

AAC-LC/HE

Gain control

Sample rate transform

De-noise and audio leveling

typical encoding profiles

4K/UHD (HEVC)			HD			SD		
#	Bitrate	Resolution	#	Bitrate	Resolution	#	Bitrate	Resolution
1	6000	3840x2160	1	6000	1920x1080	1	1600	720x404
2	4500	1920x1080	2	4500	1280x720	2	1100	640x360
3	2500	1280x720	3	2500	1024x576	3	700	480x270
4	1600	1024x576	4	1600	720x404	4	400	312x176
5	1100	720x404	5	1100	640x360	5	200	248x140
6	700	640x360	6	700	480x270			