

# HEVC Card Licensing

There has been a little bit of confusion regarding the licensing of the HEVC CE card. This card has the NTT NARA chip, so the chip and the card need to be licensed. When licensing through the official License Server, the supplied license should do both card and chip.

However, there are multiple licenses, depending on what was initially ordered, and what might be ordered later as an upgrade.

## HEVC 4K

If 4K was initially ordered, then you will see something like:

License	Status	In Use	Available	Description	Expires	Time Left
CE/SWO/DOLBY/AC3	enabled		16	Allow one channel (stereo pair) of audio to be encoded using the Dolby Digital format		
CE/SWO/M1L2	enabled		16	Allow one stereo pair of audio to be encoded using the MPEG-1 Layer II format		
CE/SWO/PAA	enabled		16	Enables phase aligned MPEG-2 Layer II audio encode		
CE/SWO/CE-HEVC/SLDELAY	disabled		0	Enables 1 HD channel for Super Low Delay	N/A	
CE/SWO/CE-HEVC/422	enabled		4	Enables 1 HD channel for 10 bit encoding in HD 4:2:2 mode		
CE/SWO/CE-HEVC/MP4/HD	disabled		0	Enables 1 HD channel of H264 video encoding	N/A	
CE/SWO/CE-HEVC/HEVC/HD	enabled		4	Enables 1 HD channel of HEVC video encoding		
CE/SWO/AAC	enabled		16	Allows one channel (stereo pair) of audio to be encoded using the AAC/HE-AAC format.		

Here we can see that the 4K license is in fact the 4 x CE/SWO/CE-HEVC/422 licenses.

## HEVC 4K Upgrade

If however a customer purchased a HEVC card without 4K capability, say they only wanted one or two HD, then they upgraded to 4K, you might see the following Licenses.

CE/SWO/CE-HEVC/HEVC/4K  
CE/UPS/CE-HEVC/HEVC/X3

Some early demo units show a mixture, as below. The fact that you can see CE/SWO/CE-HEVC/HEVC/4K in red is okay if you still have 4 x CE/SWO/CE-HEVC/HEVC/HD in green.

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<http://cameraangle.co.uk/> - WalkerWiki - [wiki.alanwalker.uk](http://wiki.alanwalker.uk)

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