

NVD3512-12M Network Video Decoder

12-Channel, 12MP NVD



Overview

Delivering high-quality and detailed images, the network decoder is equipped with up to 12-CH network cameras and a maximum network camera resolution of 12-Megapixels. It supports decode options of H.265 12MP @20 fps and 4K/1080p/720p @30 fps, perfect for small to medium scale deployments where display and control are required.

Benefits

- H.265, H.264, MPEG4
- Ultra-high Decoding Capability, 12 MP on 12 Channels
- 4K@30Hz Output Resolution
- Window Opening, Roaming and Picture-in-Picture
- Up to 36 Windows are Allowed for Each Output Channel
- Supports Decoding Audio in G.711A and G.711U Formats
- 12 HDMI Output Interfaces and 4 HDMI Input Interfaces
- Supports Decoding Streams of Other Manufacturers Such as Hikvision, Dahua, etc

Technical Specification

Video Input

Input	4-CH HDMI
HDMI Input Resolution	4K Interface: 3840*2160(4K)@30Hz, 1920*1080(1080P)@60Hz, 1920*1080(1080P)@50Hz, 1920*1080(1080P)@30Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1280*720(720P)@50Hz, 1024*768(XGA)@60Hz(4K interface: 1, 2) 1080P Interface: 1920*1080(1080P)@60Hz, 1920*1080(1080P)@50Hz, 1920*1080 (1080P) @30Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1280*720(720P)@50Hz, 1024*768(XGA)@60Hz(1080P interface: 3, 4)

Video Input

Output	12-CH HDMI
HDMI Output Resolution	4K Interface: 3840*2160(4K)@30Hz, 1920*1200(WUXGA)@60Hz, 1920*1080(1080P)@60Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA+)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1024*768(XGA)@60Hz(4K interface: 1, 2, 4, 5, 7, 8, 10, 11) 1080P Interface: 1920*1200(WUXGA)@60Hz, 1920*1080(1080P)@60Hz, 1600*1200(UXGA)@60Hz, 1440*900(WXGA+)@60Hz, 1280*1024(SXGA)@60Hz, 1280*720(720P)@60Hz, 1024*768(XGA)@60Hz(1080P interface: 3, 6, 9, 12)

Decoding

Decoding Format	H.265, H.264, MPEG4
Decoding Capability	16*12MP @20Hz 16*4K@30Hz 64*1080P@30Hz 144*720P@30Hz

Splicing	M*N (The number of windows cannot exceed the number of output channels)
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Windows	36* Number of output channels
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Interface

Audio Input	1*Terminal audio input (reserved) 1*3.5mm audio input (reserved)
Audio Output	1*Terminal audio output (reserved) 1*3.5mm audio output, dual channel
Alarm Input	4*Terminal alarm input (reserved)
Alarm Output	4*Terminal alarm output (reserved)
Serial Port	1*RS232, 1*RS485
Ethernet	2*GE port, RJ45 interface, half-duplex/full-duplex Ethernet, 10M/100M/1000M Base-T adaptive
USB	2*USB3.0

Technical Specification

General	
Dimensions (HxWxD)	1.7"x17.3"x13.3" (44x440x339mm)
Weight	8.71lb(3.95kg)
Max. Power Consumption	50W
Power Supply	100V to 240V AC; 50Hz/60Hz
Operating Temperature	-10° C to 55° C
Operating Humidity	10% to 90% RH, Non-condensing

Ordering Information

ID	Description
#174025	NVD3512-12M, 12-Channel 12MP Network Video Decoder, H.265, 12x HDMI Output & 4x HDMI Input
#156766	NVD3510-4K, 10-Channel 4K Network Video Decoder, H.265, 10x HDMI Output & 2x HDMI Input