



DISGUISE EX 3 Video Playback Solution Instructions

[Home](#) » [DISGUISE](#) » DISGUISE EX 3 Video Playback Solution Instructions 

DISGUISE EX 3 Video Playback Solution



Contents

- [1 WARRANTIES & SUPPORT](#)
- [2 BUNDLED ACCESSORIES](#)
- [3 UPGRADES](#)
- [4 PHYSICAL SPECIFICATIONS](#)
- [5 HARDWARE SPECIFICATIONS](#)
- [6 SYSTEM CONNECTIVITY I/O](#)
- [7 PLAYBACK](#)
- [8 Testing completed on r24, build 98098](#)
- [9 CUSTOMER SUPPORT](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)

WARRANTIES & SUPPORT

2 year return to base hardware warranty (plus options to extend warranty length)

BUNDLED ACCESSORIES

Mouse, Keyboard, Power Cable (IEC x2: USA/EU/UK), Hardware Guide, Rear Support, Slide Rail Kit.

UPGRADES

(AS – At Sale, RTM- Return to Manufacturer)

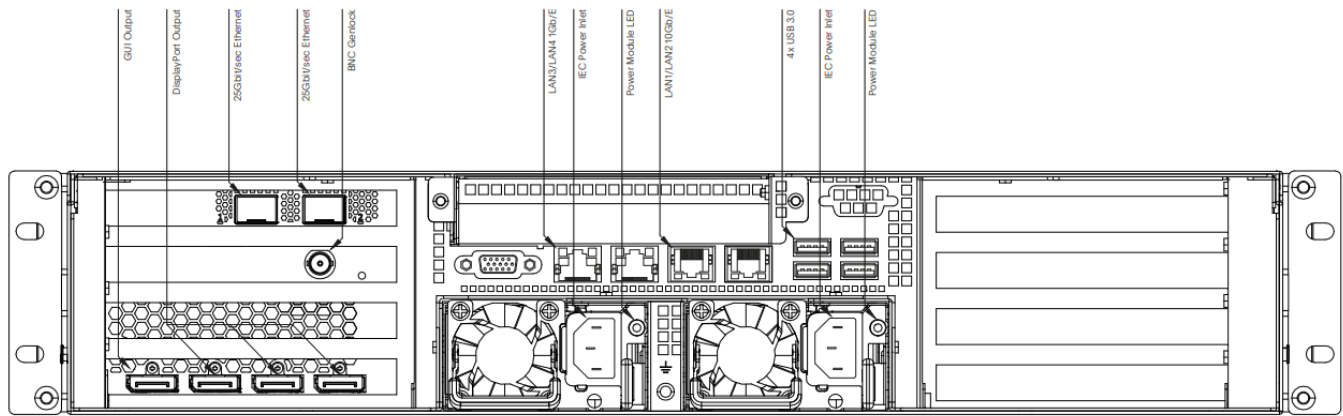
- Storage Upgrade 7.68TB AS, RTM
- Storage Upgrade 15.35TB AS, RTM
- Storage Upgrade 30TB AS, RTM

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	635mm 25"	325mm 12.8"	975mm 38.39"
Unit Dimensions	438.5mm 17.26"	88.5mm 3.42"	788.8mm 31.06"
Unit + Rack Handles	483.5mm 19.03"	–	821.8mm 32.35"
Rack Depth	–	–	914.6mm 36.01"
Unit Weight		20.5kg 45.2lbs	
Packed Unit Weight		35kg 77.16lbs	

HARDWARE SPECIFICATIONS

Voltage: 100-240VAC, 50-60Hz*
Power Connection: IEC
Power Consumption: 485W
Heat Dissipation Peak: 1,653 BTU/hr
Max Decibel Rating: 66dB
Operating System: Windows 10 Enterprise GAC Environmental Tolerances: Temperature: 5-30°C (40°-86°F) /
Humidity: 20%-80% (non-condensing) /
Altitude: 0-8850 ft (0-2700m)
OS: 1x 2TB SSD
Storage: 1x 3.84TB Removable NVMe SSD
Memory: 96GB RAM (12x 8GB)
Mounting System: 2U 19" rack mount



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x Displayport 1.4 (GUI)
- 3x 4K outputs using DisplayPort 1.4

Video Input:

- 0 – video input via NDI only

General Network:

- 2x 1Gb/sec Ethernet
- 2x 10Gb/sec Ethernet

High Speed Network: 2x 25Gb/sec Ethernet (SFP28)

Data/Peripherals: 4x USB 3.0

Video Sync: 1x BNC Genlock

* for countries with variable power supply we recommend a UPS to provide a consistent voltage.

PLAYBACK

Video codec	Content data rate	Max layers
HD HAP	31 MB/s	34
HD HAP 60	62 MB/s	30
HD HAPQ	61.25 MB/s	29
HD HAPQ 60	122.5 MB/s	17
HD Animation	187.25 MB/s	12
HD Animation 60	374.5 MB/s	6

HD TIFF Sequence	237 MB/s	9
HD TIFF Sequence 60	474 MB/s	4
HD NotchLC	78.375 MB/s	24
HD NotchLC 60	156.75 MB/s	13
UHD HAP	132 MB/s	15
UHD HAP 60	264 MB/s	8
UHD HAPQ	261.25 MB/s	8
UHD HAPQ 60	522.5 MB/s	4
UHD Animation	798.25 MB/s	3
UHD Animation 60	1596.5 MB/s	1
UHD TIFF Sequence	949 MB/s	3
UHD TIFF Sequence 60	1898 MB/s	2
UHD NotchLC	331.5 MB/s	6
UHD Notch LC 60	663 MB/s	3
UHD DPX Sequence, 8-bit, RGB, 30	759 MB/s	3
UHD DPX Sequence, 8-bit, RGB, 60	1518 MB/s	1
UHD DPX Sequence, 10-bit, RGB, 30	1011 MB/s	2
UHD DPX Sequence, 10-bit, RGB, 60	2022 MB/s	1
UHD TGA Sequence, 8-bit, RGB, 30	759 MB/s	3
UHD TGA Sequence, 8-bit, RGB, 60	1518 MB/s	2
UHD TGA Sequence, 10-bit, RGB, 30	1011 MB/s	2
UHD TGA Sequence, 10-bit, RGB, 60	2022 MB/s	0.9
UHD TIFF Sequence, 8-bit, RGB, 30	759 MB/s	3

UHD TIFF Sequence, 8-bit, RGB, 60	1518 MB/s	2
UHD TIFF Sequence, 10-bit, RGBA, 30	1011 MB/s	2
UHD TIFF Sequence, 10-bit, RGB, 60	2022 MB/s	0.8

Testing completed on r24, build 98098


- Performance specifications listed here outline the maximum amount of video layers that are achievable on a single EX 3.
These can fluctuate in future releases
- All HD codecs listed above have an output resolution relevant to Full-HD (1920 x 1080). All UHD codecs listed above have an output resolution relevant to 4K DCI (4096 x 2160)

CUSTOMER SUPPORT

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Documents / Resources

	DISGUISE EX 3 Video Playback Solution [pdf] Instructions EX 3, EX 3 Video Playback Solution, Video Playback Solution, Playback Solution, Solution
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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