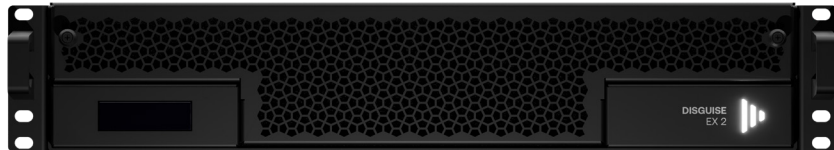


EX 2



THE GATEWAY TO DISGUISE

The EX 2 has been designed to provide live events and experiences with a compact yet powerful pre-rendered video playback solution, unlocking the gateway to the most advanced live visual experience platform in the world.



WARRANTIES & SUPPORT

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

BUNDLED ACCESSORIES

Keyboard, Mouse, Power Cable (powerCON True1: USA/EU/UK), Hardware Guide, Rack Rails*

*support for server racks with square holes (9.5mm), circle holes (7.1mm) and threaded holes (up to 7.1mm).

UPGRADES

(AS - At Sale, F - Field)

- Storage Upgrade 3.84TB ^{AS, F}
- Storage Upgrade 7.68TB ^{AS, F}
- Storage Upgrade 15.36TB ^{AS, F}
- Storage Upgrade 30TB ^{AS, F}

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	620mm 24.4"	310mm 12.2"	850mm 33.46"
Unit Dimensions	441mm 17.4"	88.4mm 3.5"	645.25mm 25.4"
Unit + Rack Handles	483.6mm 19"	88.4mm 3.5"	677.5mm 26.7"
Rack Depth	-	-	677.5mm 26.7"
Unit Weight	11kg 24.2lbs		
Packed Unit Weight	21kg (est) 46.3lbs (est)		

EX 2

HARDWARE SPECIFICATIONS

Voltage: 100-240V, 50-60Hz*

Power Connection: Neutrik powerCON True1

Power Consumption Peak: 312W

Heat Dissipation Peak: 1,065 BTU/hr

Max Decibel Rating: 52.4db

Operating System: Windows 11 Enterprise GAC

GPU: NVIDIA RTX 4000 Ada

Environmental Tolerances: Temperature:

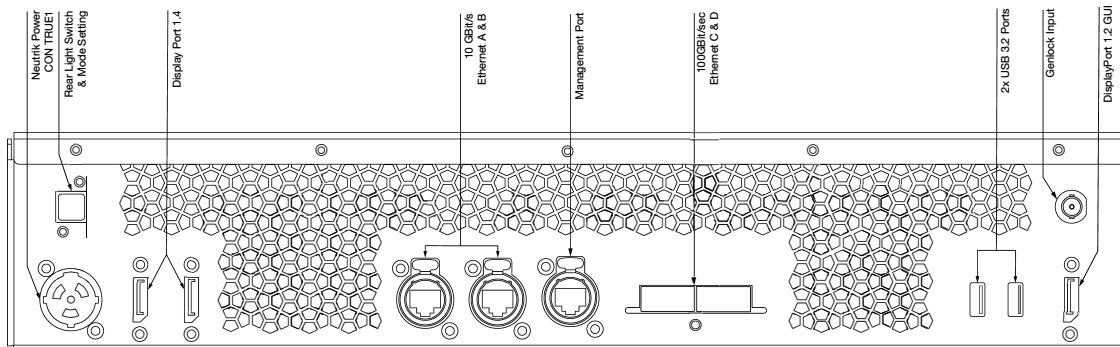
5-35°C (40°-95°F) / Humidity: 20%-80% (non-condensing) / Altitude: 0-2700m (0-8850 ft)

Mounting System: 2U 19" rack mount

OS: 1x Internal Storage Drive

Storage: 1.92TB Removable NVMe SSD (default)

Memory: 64GB RAM (4x 16GB)



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x DisplayPort 1.4 (GUI)
- 2x DisplayPort 1.4 (Outputs)

Video Input:

- video input via NDI only

Audio / Optical Audio / MIDI:

- N/A

General Network:

- 2x 10Gb/s (Ethernet)

High Speed Network: 2x 100Gb/sec (QSFP28)

System Management Controller: 1x Management Port (Ethernet)

Data/Peripherals: 2x USB 3.2 (Gen 2x1)

Video Sync: 1x BNC Genlock

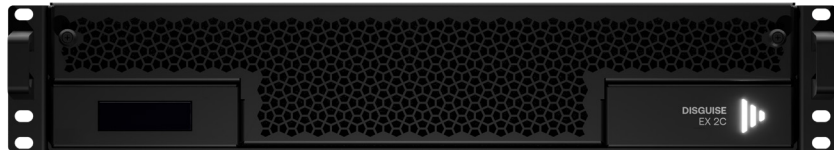
*for countries with variable power supply we recommend a UPS to provide a consistent voltage.

EX 2C



THE GATEWAY TO DISGUISE

The EX 2C has been designed to provide live events and experiences with a compact yet powerful pre-rendered video playback solution, unlocking the gateway to the most advanced live visual experience platform in the world.



WARRANTIES & SUPPORT

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

BUNDLED ACCESSORIES

Keyboard, Mouse, Power Cable (powerCON True1:
USA/EU/UK), Hardware Guide, Rack Rails*

*support for server racks with square holes (9.5mm), circle holes (7.1mm) and threaded holes (up to 7.1mm).

UPGRADES

(AS - At Sale, F - Field)

- Storage Upgrade 3.84TB ^{AS, F}
- Storage Upgrade 7.68TB ^{AS, F}
- Storage Upgrade 15.36TB ^{AS, F}
- Storage Upgrade 30TB ^{AS, F}

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	620mm 24.4"	310mm 12.2"	850mm 33.46"
Unit Dimensions	441mm 17.4"	88.4mm 3.5"	645.25mm 25.4"
Unit + Rack Handles	483.6mm 19"	88.4mm 3.5"	677.5mm 26.7"
Rack Depth	-	-	677.5mm 26.7"
Unit Weight		11.4kg 25.1lbs	
Packed Unit Weight		21.4kg (est) 47.1lbs (est)	

EX 2C

HARDWARE SPECIFICATIONS

Voltage: 100-240V, 50-60Hz*

Power Connection: Neutrik powerCON True1

Power Consumption Peak: 332W

Heat Dissipation Peak: 1,132 BTU/hr

Max Decibel Rating: 52.4db

Operating System: Windows 11 Enterprise GAC

GPU: NVIDIA RTX 4000 Ada

Environmental Tolerances: Temperature:

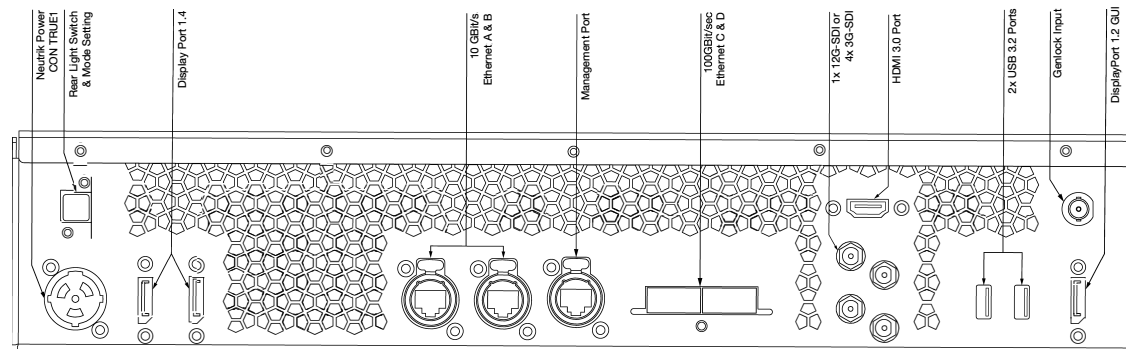
5-35°C (40°-95°F) / Humidity: 20%-80% (non-condensing) / Altitude: 0-2700m (0-8850 ft)

Mounting System: 2U 19" rack mount

OS: 1x Internal Storage Drive

Storage: 1.92TB Removable NVMe SSD (default)

Memory: 64GB RAM (4x 16GB)



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x DisplayPort 1.4 (GUI)
- 2x DisplayPort 1.4 (Outputs)

Video Input: Up to 1x 4K DCI input or 4x Full-HD inputs via:

- 1x 12G or 4x 3G SDI (HD-BNC connectors)
- 1x HDMI 2.0 capture (HDMI connector)

Audio / Optical Audio / MIDI:

- N/A

General Network:

- 2x 10Gb/s (Ethernet)

High Speed Network: 2x 100Gb/sec (QSFP28)

System Management Controller: 1x Management Port (Ethernet)

Data/Peripherals: 2x USB 3.2 (Gen 2x1)

Video Sync: 1x BNC Genlock

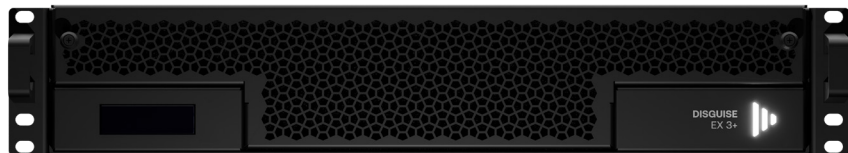
*for countries with variable power supply we recommend a UPS to provide a consistent voltage.

EX 3+



THE GATEWAY TO DISGUISE

The EX 3+ has been designed to provide live events and experiences with a compact yet powerful pre-rendered video playback solution, unlocking the gateway to the most advanced live visual experience platform in the world.



WARRANTIES & SUPPORT

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

BUNDLED ACCESSORIES

Keyboard, Mouse, Power Cable (powerCON True1: USA/EU/UK), Hardware Guide, Rack Rails*

*support for server racks with square holes (9.5mm), circle holes (7.1mm) and threaded holes (up to 7.1mm).

UPGRADES

(AS - At Sale, F - Field)

- Storage Upgrade 7.68TB ^{AS, F}
- Storage Upgrade 15.36TB ^{AS, F}
- Storage Upgrade 30TB ^{AS, F}

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	620mm 24.4"	310mm 12.2"	850mm 33.46"
Unit Dimensions	441mm 17.4"	88.4mm 3.5"	645.25mm 25.4"
Unit + Rack Handles	483.6mm 19"	88.4mm 3.5"	677.5mm 26.7"
Rack Depth	-	-	677.5mm 26.7"
Unit Weight	11.5kg 25.35lbs		
Packed Unit Weight	21.5kg (est) 47.4lbs (est)		

EX 3+



HARDWARE SPECIFICATIONS

Voltage: 100-240V, 50-60Hz*

Power Connection: Neutrik powerCON True1

Power Consumption Peak: 332W

Heat Dissipation Peak: 1,132 BTU/hr

Max Decibel Rating: 52.4dB

Operating System: Windows 11 Enterprise GAC

GPU: NVIDIA RTX 4000 Ada

Environmental Tolerances: Temperature: 5-35°C (40°-95°F) / Humidity: 20-80% (non-condensing) / Altitude: 0-2700m (0-8850 ft)

Mounting System: 2U 19" rack mount

OS: 1x Internal Storage Drive

Storage: 3.84TB Removable NVMe SSD (default)

Memory: 96GB RAM (6x 16GB)

SYSTEM CONNECTIVITY I/O

Video Output:

- 1x DisplayPort 1.4 (GUI)
- 3x DisplayPort 1.4 (Outputs)

Video Input: Up to 2x 4K DCI inputs or 8x Full-HD inputs via:

- 1x 12G or 4x 3G SDI (HD-BNC connectors)
- 1x HDMI 2.0 capture

Audio / Optical Audio / MIDI:

- N/A

General Network:

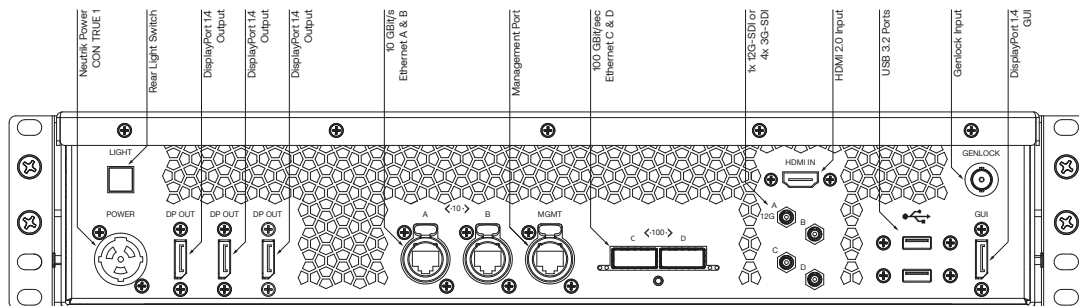
- 2x 10Gb/s (Ethernet)

High Speed Network: 2x 100Gb/sec (QSFP28)

System Management Controller: 1x Management Port (Ethernet)

Data/Peripherals: 2x USB 3.2 (Gen 2x1)

Video Sync: 1x BNC Genlock



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

EX 3

BRING PIXEL-PERFECT EXPERIENCES TO LIFE

EX 3 is a video playback and pixel-perfect mapping solution designed specifically for immersive experiences and fixed installations.



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		

EX 3

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

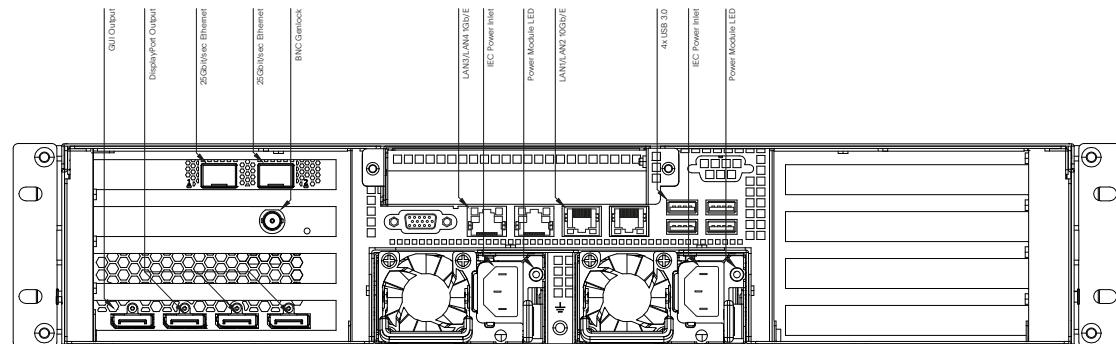
Environmental Tolerances: Temperature: 5-30°C
(40°-86°F) / Humidity: 20%-80% (non-condensing) /
Altitude: 0-8850 ft (0-2700m)

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.

EX 3



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

Video codec	Content data rate	Max layers
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 NotchLC 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

Video codec	Content data rate	Max layers
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)