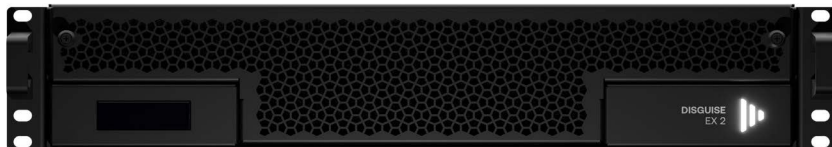


# EX 2

## THE GATEWAY TO DISGUISE

The EX 2 has been designed to provide live events and experiences with a compact yet powerful 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 <sup>AS, F</sup>
- Storage Upgrade 7.68TB <sup>AS, F</sup>
- Storage Upgrade 15.36TB <sup>AS, F</sup>
- Storage Upgrade 30TB <sup>AS, F</sup>

## PHYSICAL SPECIFICATIONS

	W	H	D
<b>Packed Dimensions</b>	620mm 24.4"	310mm 12.2"	850mm 33.46"
<b>Unit Dimensions</b>	441mm 17.4"	88.4mm 3.5"	645.25mm 25.4"
<b>Unit + Rack Handles</b>	483.6mm 19"	88.4mm 3.5"	677.5mm 26.7"
<b>Rack Depth</b>	-	-	677.5mm 26.7"
<b>Unit Weight</b>		11kg 24.2lbs	
<b>Packed Unit Weight</b>		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

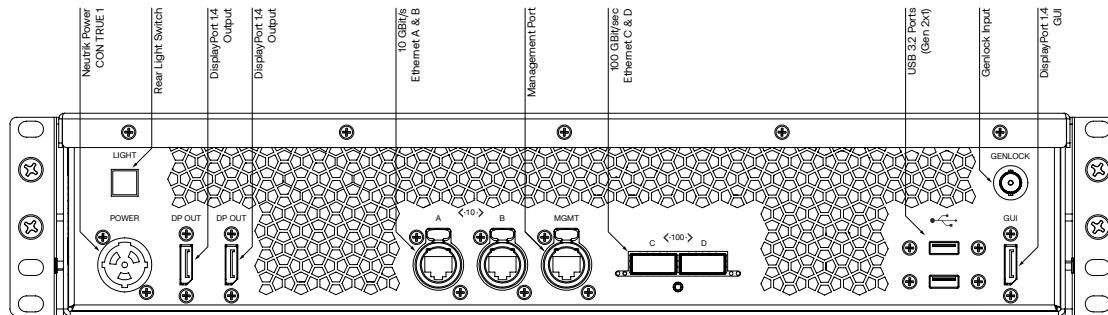
**Environmental Tolerances:** Temperature: 5-35°C (40°-95°F) / Humidity: 20%-80% (non-condensing) / Altitude: 0-2700m (0-8850 ft)

**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:**

- 2x 4K DCI\*\* outputs using DisplayPort 1.4

**Video Input:**

- 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.

\*\*Max. resolution of X 4096px and Y 2400px supported per available video output.

# EX 2

## FULL HD PLAYBACK

Video codec & frame rate	Content data rate	Max layers
HAP 30	31 MB/s	55
HAP 60	62 MB/s	45
HAPQ 30	61.25 MB/s	50
HAPQ 60	122.5 MB/s	38
Animation 30	187.25 MB/s	40
Animation 60	374.5 MB/s	25
TIFF Sequence 30	237 MB/s	39
TIFF Sequence 60	474 MB/s	19
NotchLC 30	78.375 MB/s	38
NotchLC 60	156.75 MB/s	23
ProRes 422 30	151 MB/s	17
ProRes 422 60	302 MB/s	8
ProRes HQ 30	232 MB/s	14
ProRes HQ 60	464 MB/s	7
ProRes 4444 30	348 MB/s	9
ProRes 4444 60	696 MB/s	5

## 4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layers
HAP 30	132 MB/s	21
HAP 60	264 MB/s	16
HAPQ 30	261.25 MB/s	20
HAPQ 60	522.5 MB/s	16
Animation 30	798.25 MB/s	12
Animation 60	1596.5 MB/s	5
NotchLC 30	331.5 MB/s	15
NotchLC 60	663 MB/s	7
ProRes 422 30	654 MB/s	5
ProRes 422 60	1308 MB/s	2
ProRes HQ 30	991 MB/s	4
ProRes HQ 60	1982 MB/s	2
ProRes 4444 30	1490 MB/s	2
ProRes 4444 60	2980 MB/s	1

## 4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layers
DPX Sequence, 8-bit, RGB, 30	759 MB/s	8
DPX Sequence, 8-bit, RGB, 60	1518 MB/s	5
DPX Sequence, 10-bit, RGB, 30	1011 MB/s	6
DPX Sequence, 10-bit, RGB, 60	2022 MB/s	3
TGA Sequence, 8-bit, RGB, 30	759 MB/s	12
TGA Sequence, 8-bit, RGB, 60	1518 MB/s	6
TGA Sequence, 8-bit, RGBA, 30	1011 MB/s	9
TGA Sequence, 8-bit, RGBA, 60	2022 MB/s	5
TIFF Sequence, 8-bit, RGB, 30	759 MB/s	12
TIFF Sequence, 8-bit, RGB, 60	1518 MB/s	6
TIFF Sequence, 8-bit, RGBA, 30	1011 MB/s	9
TIFF Sequence, 8-bit, RGBA, 60	2022 MB/s	5

### Testing completed on r28 194541

Performance specifications listed here outline the max amount of video layers that are achievable on a single EX 2. These can fluctuate in future releases.