

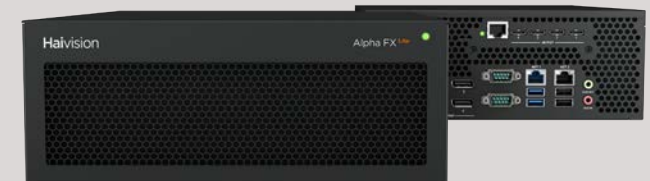


Alpha FX Lite

IP-Enabled Video Processor

The Haivision MCS Alpha FX Lite, integrated with the Command 360 visual collaboration platform, is our most compact and quiet video processor for user-friendly collaboration and presentation. It's ideal for small operations centers, collaboration spaces, and more. Offering native IP streaming as well as physical inputs and outputs, the Alpha FX Lite allows teams to access, visualize, and share content with remote colleagues and video walls across their network.

The combined power of the Alpha FX Lite and Command 360 delivers unmatched situational awareness and real-time decision-making capabilities for mission-critical environments around the world. The Alpha FX Lite also integrates with our industry-leading CineNet video wall management platform.



MULTI-4K CAPTURE & DISPLAY

The Alpha FX Lite can power up to 16 HD displays (or 4 4K displays) and can capture content from up to 4 HD (or 4 4K) HDMI sources. It also supports IP video streaming, enabling it to capture and/or stream up to 16 HD (or 4 4K) IP video sources simultaneously.

BUILT-IN DEVICE CONTROL & AUTOMATION

Control external devices, like audio systems, VTC, and media players, from the same interface you use to control your video wall.

STREAM VIDEO WALL CONTENT ACROSS YOUR NETWORK

Instantly encode and stream a content source, or even your whole video wall, to specific users and display systems across your secure network.

DECODE AND DISPLAY STREAMED VIDEO

Open and display streamed content from any IP-enabled source on your network. Streams can simply be dragged and dropped onto your video wall in real-time.

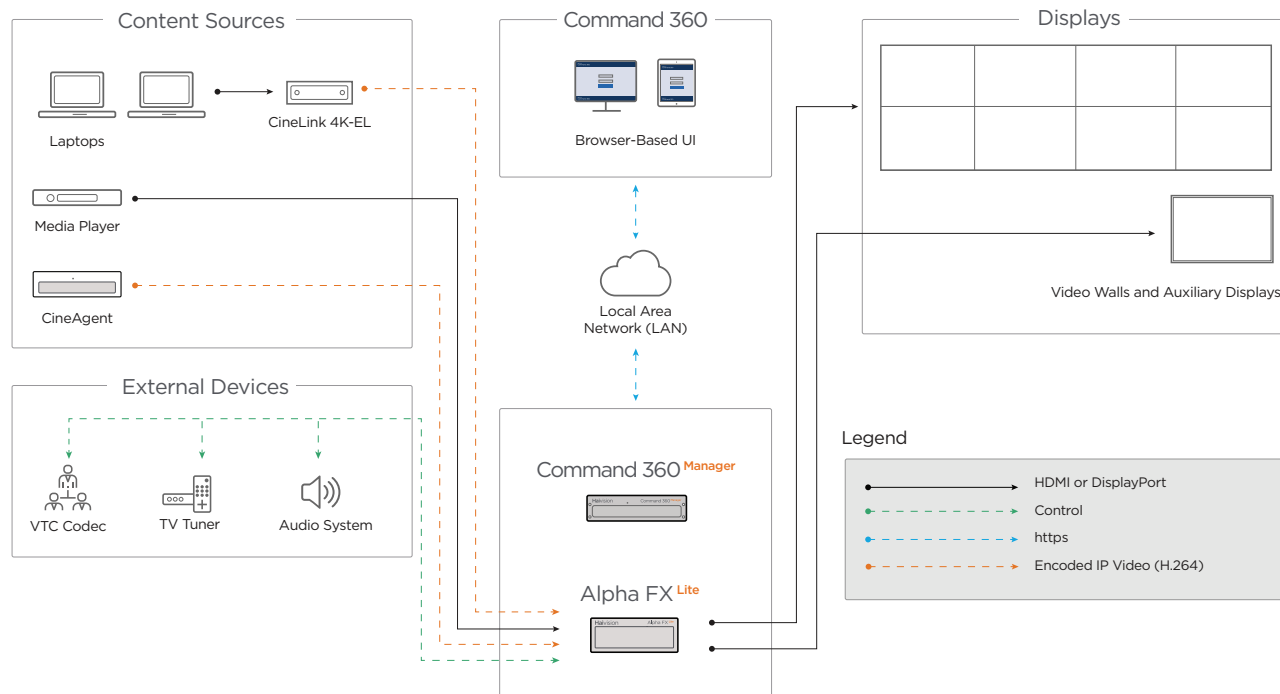
DISPLAYS VIRTUALLY ANY CONTENT

The Alpha FX Lite supports virtually any signal format – digital or analog, physical or IP – and can accept content from nearly any device, including workstations, laptops, tablets, cameras, media players, and more.

COMPACT, ULTRA-QUIET DESIGN

Ideal for conference rooms, collaboration spaces, and classrooms, the small and quiet Alpha FX Lite can be placed anywhere in a room or it be rack-mounted in equipment rack.

SIGNAL FLOW DIAGRAM



SYSTEM CONFIGURATION

CPU	Intel i9-10900E
OPERATING SYSTEM	Windows 10 IoT Enterprise 2021 LTSC HighEnd and Windows 11 Ready
SYSTEM MEMORY	16 GB DDR4
STORAGE	500 GB solid state drive with backup drive

IP ENCODING/DECODING

MAXIMUM CONCURRENT H.264 ENCODES AND DECODES	Up to 2 x 4K (3840x2160) @60Hz
	Up to 4 x 4K (3840x2160) @30Hz
	Up to 8 x HD (1920x1080) @60Hz
	Up to 16 x HD (1920x1080) @30Hz

OUTPUTS

MAXIMUM OUTPUTS	Up to 4 x 4K (3840x2160) @60Hz
	Up to 16 x HD (1920x1080) @60Hz*
STANDARD OUTPUT FORMAT	Mini-DisplayPort
ADDITIONAL OUTPUT FORMATS SUPPORTED	DisplayPort, DVI, HDMI

INPUTS

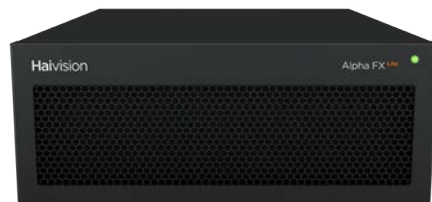
MAXIMUM INPUTS	Up to 4 x (4096x2160) @60Hz**
	Up to 4 x (4096x2160) @30Hz
	Up to 4 x (3840x2160) @60Hz**
	Up to 4 x (3840x2160) @30Hz
	Up to 4 x (2560x1600) @60Hz
	Up to 4 x (1920x1080) @60Hz
STANDARD INPUT FORMAT	Mini HDMI

PHYSICAL





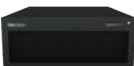


DIMENSIONS (W X H X D)	8.66 x 3.31 x 11.12 inches (2RU)
POWER SUPPLY	200W max; redundant; hot-swappable

*Requires additional 4K to HD signal processing hardware

**In YUV 4:2:0, 12 bits per pixel (8 bits per component)



Compare Video Processors

PROCESSOR	RUGGEDIZED	IDEAL FOR	MAX IP STREAMS	MAX INPUTS	MAX OUTPUTS	DIMENSIONS/MOUNTING
 ALPHA FX ELITE	—	Very large control rooms and visualization systems Networked AV environments	Up to 48 x 4K Up to 192 x HD or numerous SD	Up to 48 x 4K (Additional inputs available with expansion chassis)	Up to 20 x 4K Up to 80 x HD* (DisplayPort, Mini-Display Port, DVI, HDMI)	5RU (rack-mounted) 19 x 8.8 x 26.4 inches
 ALPHA FX CORE	—	Medium to large control rooms and visualization systems Networked AV environments	Up to 16 x 4K Up to 64 x HD or numerous SD	Up to 16x 4K (Additional inputs available with expansion chassis)	Up to 12 x 4K Up to 48 x HD* (DisplayPort, DVI, HDMI)	4RU (rack-mounted) 19 x 7.0 x 26.4 inches
 ALPHA FX PRO	—	Small to medium control rooms and visualization systems Networked AV environments	Up to 4 x 4K Up to 32 x HD or numerous SD	Up to 8 x 4K	4 x 4K plus 2 x HD (DisplayPort, DVI, HDMI)	2RU (rack-mounted) 18.84 x 3.39 x 19.44 inches
 ALPHA FX EDGE	—	Smaller control rooms and visualization systems Networked AV environments	Up to 4 x 4K Up to 16 x HD or numerous SD	Up to 4 x 4K	Up to 4 x 4K Up to 48 x HD* (DisplayPort, DVI, HDMI)	1RU (rack-mounted) 19 x 1.75 x 17.7 inches
 ALPHA FX LITE	—	Smaller control rooms and visualization systems Networked AV environments	Up to 4 x 4K Up to 16 x HD or numerous SD	Up to 4 x 4K	Up to 4 x 4K Up to 16 HD (Mini-DisplayPort, DisplayPort, DVI, HDMI)	2RU (rack-mounted or freestanding) 8.66 x 3.31 x 11.12 inches
 STRYKE EX	Ruggedized	Command centers in environments with extreme temperatures, shock, vibration, salt/fog, and/or humidity/dust.	Up to 32 x 4K Up to 128 x HD or numerous SD	Digital - Up to 32 Sources Analog - Up to 16 RGB, 16 VGA, DVI-I, or RGBHV, or 32 Composite Video Sources	Up to 8 x 4K Up to 8 x HD (DisplayPort)	4RU (rack-mounted) 19 x 7 x 18.1 inches
 STRYKE	Ultra-Ruggedized	Command centers in environments with extreme temperatures, shock, vibration, dust, and/or requiring portability Networked AV environments	Up to 4 x 4K Up to 16 x HD with additional fan attachment or numerous SD	Up to 4 x 4K	Up to 4 x 4K Up to 4 x HD (Mini-Display Port, Display Port, DVI, HDMI)	(free-standing) 10.4 x 3.9 x 6.7 inches



READY TO GET STARTED?

Speak to one of our experts.

[CONSULT WITH AN EXPERT](#)

HAIVISION IS TRUSTED BY ORGANIZATIONS WORLDWIDE



SCHEDULE A LIVE DEMO

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GSA Schedule GS-35F-0537U