

# ÉPIX Flex Drive

A dedicated driver that powers and controls ÉPIX Flex 20 LED products, featuring two expandable outputs, versatile control modes, and remote management through an integrated web server.

Ideal for large-scale architectural, event, and stage productions that require powerful, centralized control over long and expandable runs of flexible, pixel-mappable LED elements.

- Natively powers up to 1920 LEDs, with capacity doubled using the ÉPIX Flex Boost.
- Features versatile control via DMX, Art-Net, and sACN for seamless system integration.
- Offers remote configuration and firmware updates through a full webserver and RDM support.
- Advanced power management allows placement up to 75 feet from the first connected LED strip.
- Integrates with Arkaos Media Master Express for plug-and-play pixel mapping with minimal setup.
- An onboard OLED display and intuitive menu system allow for quick local configuration.



## SPECIFICATIONS

### Dynamic Effects

**Standalone Color Mixing:** Yes

**Built-in Automated Programs:** Yes

### Construction / Physical

**Dimensions:** 19 x 17.52 x 1.7 in (483 x 445 x 44 mm)

**Weight:** 6 lb (2.7 kg)

**Exterior Color:** Black

**Housing Material:** Steel

**Rackmount:** 1U

### Connections

**Power Connection:** Edison (local) plug to IEC

**Power Input:** IEC

**Cable Length (power):** 5 ft (1.5 m)

**Device Data Inputs:** Ethernet (RJ45) (2 total) and 5-pin XLR (2 total)

**Device Outputs (3-pin IP65 ports):** 2

**Physical Linking per port (without Flex Boost):** 2 inline ÉPIX Flex 20

(with Flex Boost): 4 inline ÉPIX Flex 20

**Total max. cable extension length (without Flex Boost) between ÉPIX Flex Drive and first ÉPIX Flex 20:** 75 ft (22.9 m)

(with Flex Boost) between ÉPIX Flex 20 and ÉPIX Flex 20: 10 ft (3 m)

**Total max. cable extension length between ÉPIX Flex Boost and ÉPIX Flex 20:** 5 ft (1.5 m)

### Control

**Control Protocol:** Art-Net, sACN, DMX

**DMX Channels:** 17, 34 or PIXEL

**Art-Net Channels:** 17, 34 or PIXEL

**Modes/Personalities:** 3 personalities (17ch, 34ch, PIXEL)

**Maximum Supported LEDs (per port):** 960

**Maximum Supported LEDs (total):** 1920

### Electrical

**Input Voltage:** 100 to 240 VAC, 50/60 Hz (auto-ranging)

**Power and Current:** 326 W, 2.75 A @ 120 V, 60 Hz

314 W, 1.64 A @ 208 V, 60 Hz

312 W, 1.50 A @ 230 V, 50 Hz

### Certifications / Qualifications

**Certifications:** CE, MET

**IP Rating:** IP20, dry location

**Temperature (Ambient):** -4 °F to 113 °F (-20 °C to 45 °C)

**MET Listing Number:** E114016-1144

**US Safety:** UL 8750

**Canadian Safety:** CSA C22.2 No. 250.13-12

### Optional Accessories

Arkaos Media Master Express + KN software

### What's Included

ÉPIX Flex Drive

IEC power cord