Evolution™ V4
Follow Spot Control Platform

Overview:

- Key lights guide audience/spectator attention.
- Synchronized tracking orchestrates two to eight key lights / system.
- Human operators follow targets, as fixture attributes adjust automatically.
- Operators aren't confined to high, hot or dangerous workplaces.
- Production quality & audience experience improve significantly.
- Planners save documentable time, labor, truck space & money.

Description:

- Evolution™ V4 is a "humancentric" handlebar & tripod control platform, with operator touchscreen and visual tracking display.
- Hands-on and busking friendly.
- Sets-up & strikes quickly.
- Supports control, text warn/cue & comms exchange w/ console operator.
- Supports ADA(US), EEOC(US), OSHA(US) & EAA(EU) guidelines.

Features:

- True 3D articulation, with fluid dampened motion.
- Windows platform PC and I/O.
- Hands-on, manually manipulated handlebar U/I.
- Two 15.6 LCD displays. Touchscreen control & camera video. Option for large external control room display.
- Available integrated Green-GO PoE IP Ethernet comms.
- Available Green-GO interface to house comms & AFIL Induction hearing loops.
- NDI & NDI HX optimized video pipeline.
- Camera installed "On Board" a master fixture, or within a SpotCam™ DMX/AC motorized pan/tilt enclosure.
- Control, video & comms share reliable hardwired PoE Ethernet backbones.
- No RF, IR or solar interference vulnerability. A mission critical reliable network & control platform.
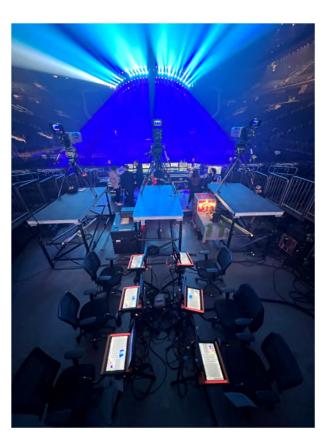
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Software:

- Calculates focus, pan & tilt, dimmer, iris, and zoom settings.
- Drives manual and automatic attribute adjustment.
- Provides viable manual override.
- Supports control, comms & text exchange with console operator.
- Supports synchronized tracking of up to 8 lights / system.

Agnostic Compatibility:

- DMX fixture brand/model
- Control console brand/model
- Control console OS
- sACN, Art-Net & NDI network

Six Evolution platforms pictured - RDB 2024 USA Tour

Compliance:

- IEEE 802.3af-2003   (PoE)
- ANSI E1.11-2018   (DMX512)
- ANSI E1.31-2018   (sACN)
- Art-Net 4
- NDI

Dealer/Integrator Services:

- Bench warranty point-of-contact
- Applications engineering option
- Project management option
- Installation & programming option
- On-site training option

Specifications:

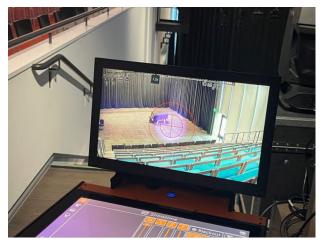|	
Handlebar	48-degree tilt by 360-degree pan w/ high-resolution encoders.
Control Display	15.6" 10-point LCD touchscreen, full HD.
Video Display	15.6" LCD, full HD.
Video Network	NDI
Ports	Neutrik True 1 (100-240 VAC), XLR5 (DMX), RJ45 (Ethernet + NDI video), USB3 & 12V XLR3 (accessory)
Size	40x37 cm (15.8x14.6 in)
Weight	20 kg (44 lbs)
Power	100 – 240V VAC
On Board Camera Option	AIDA IP20 X20 or IP54 VF zoom PoE camera models. Fixture barrel mount.
SpotCam Camera Enclosure Option	AIDA X20 zoom PoE camera. DMX controlled motorized pan/tilt yoke mount.
Communication Options	PoE comms. House comms. AFIL Induction hearing loop interface.

Ordering:

EVOLUTION V4	Fluid head tripod w/ position encoders. Processor & two LCD displays. Handlebar U/I with attribute sliders.
Comms option	Integrated comms kit.
Button option	6 assignable buttons & . handlebar mount, left or right.
X20 Camera	20X optical zoom NDI camera. IP20 (indoor) assembly. PoE NDI video and DC power. Onboard & SpotCam mount options.
VF Camera	36 to 120 degree manual zoom NDI camera. IP54 (outdoor) assembly. PoE NDI video and DC power. Fixture wiring & camera mount price separately.
On Board Camera Kit	Master fixture moving light mount w/ wiring harness. Details vary by fixture brand & model. Quotes are POA.
SpotCam IP20 Kit	X20 optical zoom NDI camera. IP20 (indoor) DMX & AC motorized enclosure. NDI camera signal & power are PoE.
SpotCam IP67 Kit	X20 optical zoom NDI camera. IP67 (outdoor) DMX & AC motorized enclosure. NDI camera signal & power are PoE.

CE

Evolution V4 camera output & target display screen shown

Evolution V4 touchscreen w/ Green-GO comms integration on this display