



Evolution ROB™

Follow Spot Control Platform

Overview:

- Key lights guide audience/spectator attention.
- Synchronized tracking orchestrates movement of 2 to 8 lights / system.
- Synchronized lights follow targets, as fixture attributes adjust automatically.
- Evolution™ operators aren't confined to high, hot & dangerous workplaces.
- Evolution™ improves production quality & audience experience.
- Evolution™ saves documentable time, transport space & money.



Description:

- Evolution ROB™ is handlebar based, tripod mounted solution, with one control touchscreen and a 2nd screen for "humancentric" visual tracking.
- Hands-on and busking friendly.
- Sets-up & strikes quickly.
- Control, cueing & intercom exchange with light console operator.
- Supportive of ADA(US), EEOC(US), OSHA(US) & EAA(EU) guidelines.



Features:

- Dampened tripod w/ position encoders, console & processor.
- Hands-on, manually manipulated handlebar U/I.
- Two 15.6 LCD displays. Touchscreen control & camera video.
- Integrated PoE Ethernet intercom (COMMS) option. Seamless interface to house intercom & Induction loop.
- AIDA X20 & VF zoom NDI CMOS cameras are default.
- Cameras install "On Board" master fixture, or within a SpotCam™ DMX & AC motorized pan/tilt yoke.
- Control, video & intercom use reliable hardwire PoE Ethernet.
- No reliance on RF or IR wireless. Unpredictable RF, cell phone & sunlight interference makes wireless inherently unreliable, when used in places of public assembly.

www.spotrack.com

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Software:

- Calculates focus, pan & tilt values; dimmer, iris, and zoom settings.
- Offers manual or automatic attribute adjustment.
- Provides viable manual override.
- Supports seamless control 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 network hardware

Compliance:

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

Dealer/Integrator Services:

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

Specifications:

Handlebar	48" tilt & pan w/ high-resolution encoders. 2 x 80 mm sliders.
Control Display	15.6" 10-point LCD touchscreen, full HD.
Video Display	15.6" LCD, full HD.
Video Network	NDI default
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 X20 or IP54 VF zoom PoE NDI camera models. Fixture barrel mount.
SpotCam Camera Option	AIDA X20 zoom PoE NDI camera. DMX controlled motorized pan/tilt yoke mount.
Communication Options	PoE intercom (COMMS). 3 rd party intercom interface. Induction loop interface.



Six Evolution ROB Units - RDB USA Tour

Ordering:

EVOLUTION ROB	Dampened tripod w/ position encoders. Processor & two LCD displays. Handlebar U/I with attribute sliders.
X20 Camera	20X optical zoom NDI camera. IP20 (indoor) assembly mounts "on board" the master fixture. PoE NDI video and DC power. Fixture wiring and camera mount additional.
VF Camera	36 to 120 manual zoom NDI camera. IP54 (outdoor) assembly installs "on board" the master fixture. PoE NDI video and DC power. Fixture wiring and camera mount priced separately.
On Board Camera Kit	Moving light mount and wiring harness. Varies by fixture brand & model. Quotes are POA.
SpotCam IP20 Kit	20X optical zoom NDI camera. IP20 (indoor) DMX & AC motorized yoke assembly. NDI camera signal & power over PoE.
SpotCam IP67 Kit	20X optical zoom NDI camera. IP67 (outdoor) DMX & AC motorized yoke assembly. NDI camera signal & power over PoE.



Evolution ROB video screen



Evolution ROB touchscreen w/ integrated Comms

