



Horus is a standalone Ayrton camera fixture that opens Falconer to any lighting rig. Not every moving light can carry a camera on its side; with Horus placed wherever it gives the clearest view of the stage, Falconer can drive Ayrton moving lights or fixtures from any other manufacturer. Horus counts as the Ayrton camera device required by every Falconer base station.

Horus is built into the housing of the Ayrton MagicDot Neo, so it is compact, lightweight (6.7 kg) and fast. With an IP65 protection rating and IP65 connectors throughout, it can be used in any environment, including outdoor festivals, while the followspot operators work indoors at the Falconer base station. Horus uses the same camera module as EagleStrike, so the camera features (30x optical zoom, infrared modes and NDI feed) match exactly.

★ KEY FEATURES

➤ Puts the camera where the view is best

The camera position is no longer dictated by where the fixtures are rigged. Place Horus front of house, on a balcony rail or on the truss, wherever it gives the clearest, most natural followspot angle. The operator sees the stage just as a traditional followspot would. Because the camera is independent of the lights, either one can be moved without compromising the other.

➤ Built for any environment

With an IP65 rating, IP65 connectors throughout and an operating range of -20 °C to 45 °C, Horus is as at home at an open-air festival as in a theatre. Rain, dust and cold are no obstacle. While Horus braves the elements, your followspot operators stay indoors at the Falconer base station, warm, dry and safe. Its die-cast aluminium housing is built to withstand the demands of touring.

➤ Sees in the dark

A 30x optical zoom delivers a sharp, detailed image from any distance. Infrared modes (Auto, Day and Night) keep performers clearly in view through blackouts and the darkest scenes. The operator never loses the target, even when the audience can't see it. Adjustable shutter, anti-flicker and colour settings, all set remotely from Falconer, keep the image clean under any stage lighting.

➤ Travels with the system

Horus fits in the Falconer foam insert alongside the base station, so the complete system travels together in one case. There is no extra flight case to source, pack or track from one venue to the next. At just 6.7 kg, with two carrying handles and a quarter-turn Omega bracket, it is quick to unpack and rig.

➤ Turns any rig into a Falconer rig

Horus gives Falconer the camera it needs, so your moving lights no longer have to carry a camera of their own. Patch the fixtures you already have and let them follow the action. Falconer can be added to an existing rig without replacing a single light. Rental companies can offer Falconer on any show, whatever fixtures the lighting designer has specified.

To use the Falconer system, each Falconer base station must have at least one compatible camera device patched into the system: either an Ayrton fixture with an integrated camera, such as EagleStrike, or an Ayrton Horus camera.

TECHNICAL SPECIFICATIONS

MOVEMENT	
Pan Range	540°
Tilt Range	270°
Resolution	16-bit - High-resolution stepper motors operated via microprocessors ensure extreme accuracy and smooth movements
Position Correction System	Yes / Automatic repositioning
Speed Adjustment	To change the speed mode instantly, set the P/T speed channel to Speed mode instant apply and select the desired speed mode on the control channel

CAMERA	
Sensor	1/2.8" CMOS, 3.7 megapixel
Optical Zoom	30x
Field of view	65°
Video Output	NDI HX2, adjustable bandwidth
Image Settings	Adjustable shutter, anti-flicker and colour control
Infrared	Auto, Day, Night
Configuration	Remotely from Falconer and web browser

CONTROL	
Protocol	sACN protocol through IP65 Ethernet cable
Control Panel	Local control panel with IP65 LCD display
DMX	Footprint of 6 DMX channels

COMPLIANCE	
EU (EMC & LVD)	EMC Directive 2014/30/EU LVD Directive 2014/35/EU
US (Safety & EMC)	UL 1573 FCC Part 15, Subpart B:2018
Substance regulations	RoHS, REACH, CP65
Declarations	Scan the QR code page 3

HARDWARE	
Display	Graphic LCD display with flip function
Menu	4 menu buttons to set functions

CONNECTORS	
Camera	IP65 RJ45 IN/OUT connectors
sACN	IP65 RJ45 IN/OUT connectors
Power	IP65 powerCON TRUE1 TOP male and female connectors

POWER SUPPLY	
Power supply unit	Electronic power supply with active PFC
AC Power	100-240 V, 50/60 Hz
Maximum power consumption	50 W

CONSTRUCTION	
Colour	Black (carbon)
Materials	- Moving-head skeleton made in die-cast aluminium - Base in die-cast aluminium - Arms in self-extinguishing fire retardant ABS PC (V0 class) - Two handles for transportation - Four heavy-duty feet - IP65 protection rating

ENVIRONMENTAL	
IP Rating	IP65
Salt Spray Testing	Pending
Estimated embodied carbon including:	TBA
- A1 - Raw materials of fixture and packaging - A3 - Product manufacturing	
Recycling options	Packaging widely recyclable. Cardboard is made of recycled pulp.

Our Environmental Commitment



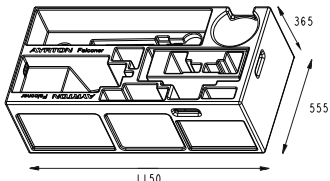
* Up to 92%

TECHNICAL SPECIFICATIONS

INSTALLATION	
Orientation	All (on the floor or fixed to a support)
Mounting attachments	- Fastening bracket system: one Omega ¼-turn bracket designed for use with standard clamps - Mounting points: two ¼-turn locking fittings allowing installation of Omega brackets - Safety cable attachment point - Fits in the Falconer foam/sip insert alongside the base station

THERMAL	
Operating positions	All (on the floor or fixed to a support)
Max Ambient Temperature (Ta Max)	45°C (113 °F)
Min Ambient Temperature (Ta Min)	-20°C (-4°F)
Minimum usage distance	0.5 m (1.64 ft)

PHYSICAL	
Horus	
Length	197 mm (7.76 in)
Height	353 mm (13.90 in)
Depth	197 mm (7.76 in)
Weight	6.7 kg (14.77 lb)
Shipping Dimensions	
Length	435 mm (17.12 in)
Height	315 mm (12.40 in)
Depth	285 mm (11.22 in)
Weight (excl fixture)	9.1 kg (19.84 lb)
In SIP Dimensions (with Falconer)	
Length	1150 mm (45.27 in)
Height	365 mm (14.37 in)
Depth	555 mm (21.85 in)
Weight (excl fixture)	52.3 kg (115.30 lb)

SIP Drawing	
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WARRANTY	
Horus	2 years

From date of invoice

SUPPORTING DOCUMENTS	
GDTF Profile	
DMX Chart	
Software	
Warranty	

PRODUCT CODES	
Horus	029410

 DISCLAIMER

Errors and omissions for all information given in this specification sheet are possible. All information is subject to change without prior notice.