

RoboSpot™ MotionCamera

The RoboSpot MotionCamera is a revolutionary moving head fixture featuring an integrated HD camera remotely controlled via DMX to pan, tilt, zoom and autofocus.



Featuring a full HD camera with high light sensitivity capabilities down to 0.3 Lux illumination levels, the fixture provides a "first person view" for the followspot operator to track the performer across the stage. Video signals are instantly transferred to the RoboSpot BaseStation via a high-speed Ethernet cat5 cable.

Technical Specification

Camera

Type: SNZ-6320

Resolution: 1920x1080, 16:9 Full HD (1080p) resolution support

Zoom:

- 32x optical zoom
- 16x digital zoom

Streaming: H.264, MJPEG dual codec, Multiple streaming

Vision: Day & Night (ICR), WDR (120dB)

Minimum illumination: 0.3 Lux

Control and programming

Setting & Addressing: two-row LCD display & 4 control buttons

Protocols: USITT DMX-512, RDM

Wireless CRMX[™] technology from Lumen Radio: On request

DMX Protocol modes: 1

Control channels: 8

Pan/Tilt resolution: 16 bit

Zoom: 8 bit

Movement

Pan movement: 540°

Tilt movement: 270°

Movement control: Standard and Speed

Automatic Pan/Tilt position correction

Thermal specification

Maximum ambient temperature: 45°C (113°F)

Maximum surface temperature: 55°C (131°F)

Minimum operating temperature: -5°C (23°F)

Electrical specification and connections

Power supply: Electronic auto-ranging

Input voltage range: 100-240 V, 50/60 Hz

Power consumption: 35 W at 230V / 50 Hz

Power in/out connector: Neutrik powerCON TRUE1 in/out

DMX and RDM data in/out: Locking 5-pin XLR

Camera output: RJ 45

Approvals

CE Compliant

cETLus Compliant

Mechanical specification

Height: 386 mm (15.2")

Width: 277 mm (10.9")

Depth: 147 mm (5.8")

Weight: 5.7 kg (12.6 lbs)

Rigging

Mounting positions: Horizontally or vertically

1x Omega adaptor with ¼-turn quick locks

Universal operating position

Mounting points: 1 pair of ¼ -turn locking points

Safety cable attachment point

Included items

User Manual

Universal Base Adaptor

Power cord including powerCON TRUE1 In connector

Optional accessories

Wireless DMX external module: 10980127

Triggered Clamp Doughty: 17030386

Safety wire 36 kg: 99011963

Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439

Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444

Single Top Loader Case Spikie/MotionCamera: 10120193

Spikie/MotionCamera Single Foam Shell: 20020321

Legal

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RoboSpot™ MotionCamera is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents