

# 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

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