

ROBOTIC POD



KEY FEATURES

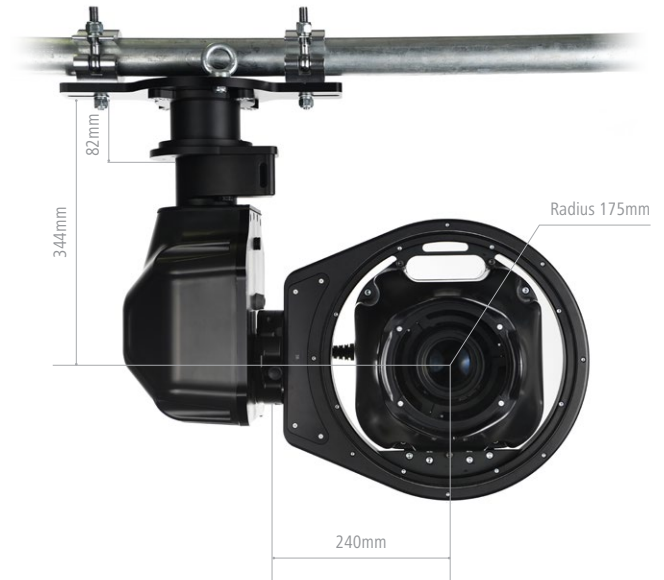
- ▶ Weatherproof
 - ▶ Permanent installation
 - ▶ Video and stills
 - ▶ Full camera control
 - ▶ Nikon D5
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TECHNICAL INFORMATION

Weight	<p>Robotic Pod Between 7-10kg depending upon the unit</p> <ul style="list-style-type: none"> ▶ 24-120mm Pod: 8.4kg ▶ 24-70mm Pod: 8.5kg ▶ 70-200mm Pod: 9.2kg ▶ 80-400mm Pod: 9.7kg ▶ 200-500mm Pod: 10.5kg <p>Arm 11.8kg Roll Arm 4.71kg Connection cable (umbilical)</p> <ul style="list-style-type: none"> ▶ 5m: 1.10kg 10m: 2.10kg 15m: 3.10kg 20m: 4.10kg 30m: 6.10kg <p>Connection cable (short)</p> <ul style="list-style-type: none"> ▶ 320mm: 0.30kg <p>Breakout Box 4.00kg</p>
Connections via power supply unit	<ul style="list-style-type: none"> ▶ RJ45 Gigabit Ethernet (1000 BASE-T) (IEEE 802.3ab) ▶ 3G HD SDI Max output 1080p 50/60 FPS ▶ 24 VDC 9.2 A
Power requirements	100 – 240 VAC 16A
Temperature range	0 – 45 Degrees Celcius
Humidity tolerance	0% to 85% relative humidity, non-condensing (built in fan heater)
Axes speed	<ul style="list-style-type: none"> ▶ Pan: 0.001° – 180° per second ▶ Tilt: 0.001° – 180° per second ▶ Roll: 0.001° – 90° per second ▶ Zoom: 0.001° – 60° per second ▶ Focus: 0.001° – 60° per second
Accuracy of playback (angular resolution)	0.3 arc-min
Still image (Nikon D5)	<ul style="list-style-type: none"> ▶ Image sensor: FX, CMOS, 35.9mm x 23.9mm ▶ Total pixels: 21.33 million (20.8 million effective pixels) ▶ Frame advance rate: 12 fps, up to 10 fps (CL); 10–12 fps, or 14 fps with mirror up (CH); or 3 fps (quiet continuous mode) ▶ ISO sensitivity: ISO 100 to 102400, with a Hi 5 setting of EV (ISO 3280000 equivalent) above ISO 102400
Video	<p>Frame size (pixels) and frame rate:</p> <ul style="list-style-type: none"> ▶ 3840 x 2160 (4K UHD): 30p (progressive), 25p, 24p; (internal recording) ▶ 1920 x 1080: 60p, 50p, 30p, 25p, 24p; 1920 x 1080 crop: 60p, 50p, 30p, 25p, 24p; 1280 x 720: 60p, 50p ▶ Actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps via SDI
Multi Head Controller software MHC	Available as a 32 bit or 64 bit installer and will need a licence key to activate
Computer requirements	<p>Minimum requirements:</p> <ul style="list-style-type: none"> ▶ Windows 10 ▶ Intel i3 CPU (Intel i5 recommended) ▶ 4GB of RAM (8GB recommended) ▶ Ethernet adapter ▶ A graphics card with support for OpenGL v4.3 or greater

SIZE

- ▶ Total height – 519-580mm (dependant on lens type)
- ▶ Total width – 578mm
- ▶ Operational space ~ 1.2m3



PERIPHERALS AND ACCESORIES

WHATS IN THE BOX?

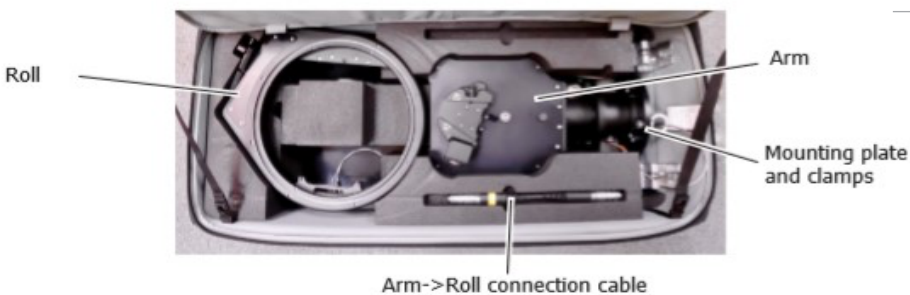


CABLES INCLUDED:

- ▶ Long umbilical cable
- ▶ Arm to roll/pod cable
- ▶ Mains cable
- ▶ Long ethernet cable

TOOLS INCLUDED:

- ▶ 19mm ring spanner
- ▶ Allen key set



POD LENS CONFIGURATIONS

