

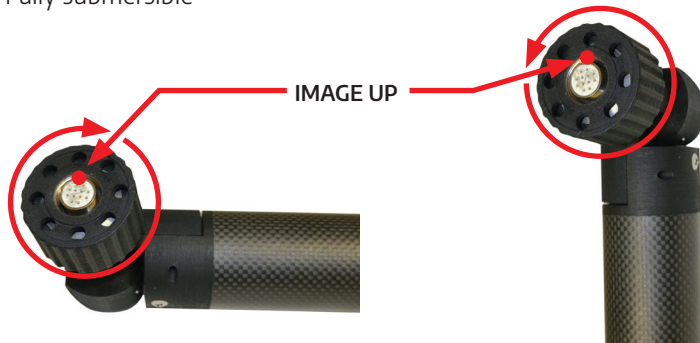
HD Motorized Poles

HDP-MCXX

The Zistos® HD Motorized series of poles are rugged, lightweight carbon fiber poles with an integrated motorized hinge and internal coil cord.

FEATURES

- Attaches to the ZistosHD Handle
- Accepts any ZistosHD camera
- Camera can rotate 90° on pole to upright image for horizontal operation
- Carbon fiber construction is lightweight, yet rigid
- Easy-to-use twist collars
- Available in different lengths, telescoping or fixed
- Motorized hinge is controlled by buttons on the handle
- Built-in slip clutch prevents damage to internal motor or gears
- Provides feedback to display angular position on the handle
- Fully submersible



CAMERA CONNECTOR CAN BE ROTATED 90° DEPENDING UPON HORIZONTAL OR VERTICAL USE TO KEEP IMAGE UPRIGHT



MOTORIZED HEAD HAS A +/- 120° RANGE (SHOWN WITH ULC-2.OIR-HD CAMERA)



POLES SHOWN COLLAPSED

Specifications

PHYSICAL SPECS

| | |
|--------------------------------------|--|
| Telescoping Pole Construction | 6ft, 10ft, 16ft, 22ft: Carbon fiber, 4 sections, 3 rubberized twist grip collars, OD's ranging from of 1.33in (33.8mm) to .97in (24.5mm) 30ft: Carbon fiber, 7 sections, 6 lever lock collars, OD's ranging from 1.93in (49mm) to 1.22in (31mm) |
| Motorized Head Range | +120° to -120° |
| Motorized Head Holding Force | Holds any ZistosHD camera in position |

ENVIRONMENTAL SPECS

| | | | |
|------------------------------------|-------------------------------|------------------|--------------------|
| Operating Temperature Range | -4° to +122°F (-20° to +50°C) | IP Rating | IP68 (submersible) |
| Storage Temperature Range | -4° to +158°F (-20° to +60°C) | | |

ELECTRONIC SPECS

| | |
|-------------------------|--|
| Motor | High torque motor with integrated gearbox with 2 user programmable speeds (high/low). Speed automatically reduced proportionally when a zoom camera zooms in |
| Low speed range | 10 to 20 seconds per full 240° |
| High speed range | 510 to 20 seconds per full 240° |
| Encoder | Internal magnetic encoder reports position with a 1° resolution. Handle displays position with a 7.5 resolution |

| ORDERING INFORMATION | DESCRIPTION | COLLAPSED LENGTH | EXTENDED LENGTH | WEIGHT |
|----------------------|--|---------------------------------|---------------------------------|---------------------------------|
| | | W/O HANDLE | W/O HANDLE | W/O HANDLE |
| | | W/ HANDLE & CAMERA ¹ | W/ HANDLE & CAMERA ¹ | W/ HANDLE & CAMERA ² |
| HDP-MC30 | 30ft (9M) System motorized pole (Provided in S20-CASE soft case) | 7ft 0in (2.13M) | 29ft 0in (8.84M) | 9.20lbs (4.17kg) |
| | | 8ft 11in (2.66M) | 30ft 0in (9.37M) | 12.32lbs (5.69kg) |
| HDP-MC22 | 22ft (6.7M) System motorized pole (Provided in S20-CASE soft case) | 6ft 10.7in (2.10M) | 21ft 0in (6.40M) | 5.60lbs (2.54kg) |
| | | 8ft 7.5in (2.63M) | 22ft 8.8in (6.9M) | 8.72lbs (3.96kg) |
| HDP-MC16 | 16ft (5M) System motorized pole (Stores in case detached from the handle) | 4ft 5.5in (1.36M) | 14ft 3.6in (4.36M) | 3.85lbs (1.75kg) |
| | | 6ft 2.4in (1.89M) | 16ft (4.89M) | 6.97lbs (3.17kg) |
| HDP-MC10 | 10ft (3M) System motorized pole (Stores in case attached to the handle) | 2ft 11.8in (.91M) | 8ft 4.6in (2.55M) | 3.00lbs (1.37kg) |
| | | 4ft 8.6in (1.44M) | 10ft 1.4in (3.08M) | 6.12lbs (2.76kg) |
| HDP-MC6 | 6ft (2M) System motorized pole (Stores in case attached to the handle) | 2ft 0.7in (.63M) | 4ft 5.5in (1.36M) | 2.41lbs (1.09kg) |
| | | 3ft 9.5in (1.16M) | 6ft 2.3in (1.89M) | 5.53lbs (2.51kg) |

OPTIONS

| | | | |
|---------------|---------------------|---------------------|-----|
| HDP-RA | Right Angle Adapter | 2.5in x 2.5in x 1in | TBD |
|---------------|---------------------|---------------------|-----|

NOTES:

1. Add 20.8in (.53M) for the length of the handle (WPH-HD) with extended battery (BAT-15XL) and the shortest camera (WPC-2.0-HD).
2. Add 3.12lbs (1.42kg) for the weight of the handle (WPH-HD) with extended battery (BAT-1XL) and the lightest camera (WPC-2.0-HD).