

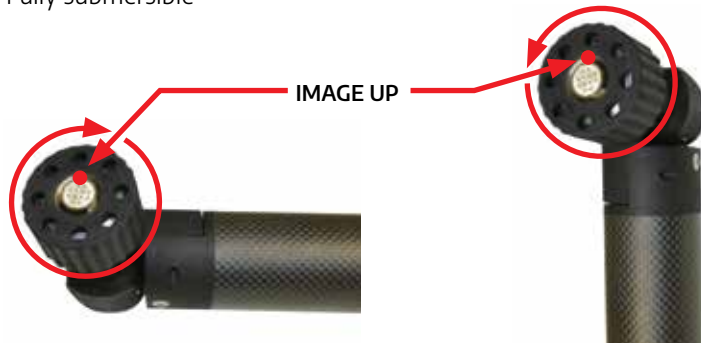
HD Motorized Poles

HDP-MCXX

The 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)



16FT, 10FT AND 6FT SYSTEM POLES SHOWN COLLAPSED

Specifications

PHYSICAL SPECS

Telescoping Pole Construction	Carbon fiber, 4 sections, 3 rubberized twist grip collars OD's of 1.33in (33.8mm), 1.26in (30mm), 1.10in (28mm), .97in (24.5mm)
Fixed Pole Construction	Carbon fiber, OD 1.26in (30mm)
Friction Hinge Range	+120° to -120°
Friction Hinge 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-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
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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).