

HYDROFLEX®

435 DEEP WATER UNDERWATER CAMERA SYSTEM

Hydroflex 435 DeepWater Housing

Incorporating many of the existing features of our HydroFlex 35-3 DW, the 435 DW is as straight forward, easy to work with, and operate in the water. The housing is designed around a standard Arri 435 IVS with 120 m Arri magazines and the FE-3 viewfinder extension. Zeiss, Panavision, Cooke and Hawk® lenses can be fitted, and the redesigned port system can even accept the Zeiss 10 mm lens with its dedicated glass port. Interchangeable flat and dome ports are provided.

Our custom viewfinder eyepiece gives the operator an easy-to-locate, large and bright image. Both focus and iris lens controls are located on the camera left side of the front of the housing and can be easily viewed and adjusted by the operator or assistant. For magazine and battery changes, the camera can stay attached to the front of the housing without disengaging the lens gearing or disconnecting the cables to video and CCU unit.

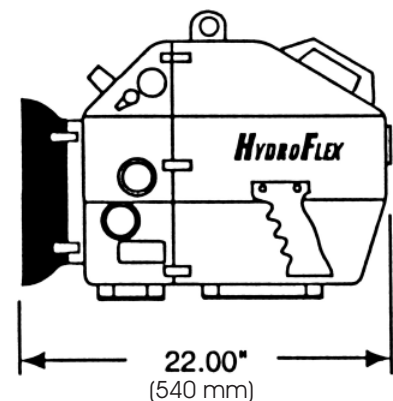
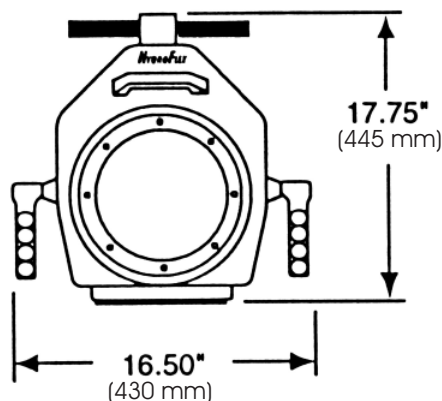
An internal low light level witness camera with its own orientating 3" monitor have been incorporated into the system's design to enable the assistant to see the lens data from outside the housing. Viewports have been provided for direct reading of the magazine footage counter and the camera's digital display readout. On-board Lithium-ion batteries provide power to the camera and can run multiple magazines without changing. For above water filming in rainy or wet sets an optional lens port spray deflector system shoots air across the lens area, keeping drops of water from registering on the film. Depth rated to 50 m.



The 435 Deep Water Housing

SPECIFICATIONS

CAMERA	Arriflex 435
OPERATING DEPTH	50 meters
WEIGHT IN AIR FULLY EQUIPPED	42 kg
WEIGHT IN SALTWATER	-1.4 kg
LENSES	Zeiss T1.3 Series Zeiss UP Series Cooke S4 Series Vantage Zoom 17-35 mm Century Zoom 28-70 mm Panavision Lenses Hawk C-Series



435 AquaCam

The 435 RAC (RemoteAquaCam) was engineered primarily for use with our remote 2-axis Hydrohead on a crane for at sea or wet stage work. Field testing has also proven the 435 RAC to be useful for handheld filming under the water or floating on the surface because of its aquadynamic shape. Moreover the 435 RAC is ideal to shoot on cramped underwater sets, e.g. submerged cars.

Designed around a standard Arriflex 435, custom SL Cine 120 m magazines and Preston remote focus and iris controls, this low profile camera system can be easily fitted with Cooke, Zeiss, Hawk® or Panavision spherical and anamorphic lenses. Small Vantage and Century lightweight zoom lenses can also be used. Both flat and dome ports are available as well as a variety of port extension rings to accommodate the different lenses. Water drops are cleared from the front port by air-powered rain deflector.



The 435 AquaCam Housing

Utilizing the Arriflex IVS (Internal Video System), the 435 RemoteAquaCam provides 100% video from remote viewing. In the hand-held mode a 6" underwater color monitor allows the operator to set the frame while the camera assistant rolls camera, and pulls focus, iris and zoom from above water from as far as 30 m away. The optional Preston Marine FI&Z hand unit gives the camera assistant start/stop, focus and iris control underwater. All RCU functions can be controlled using a custom cable to surface. Depth rated to 30 m.

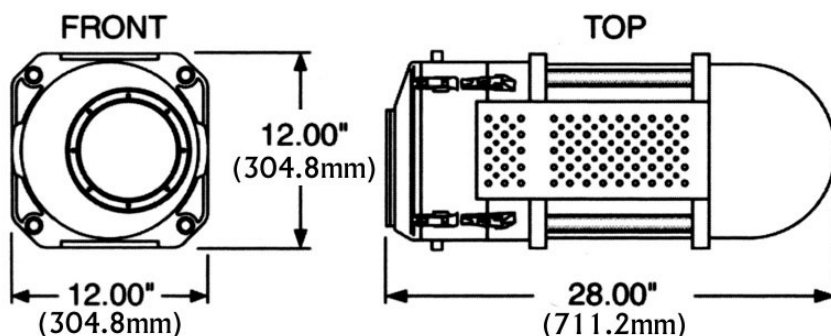
SPECIFICATIONS

CAMERA	Arriflex 435
OPERATING DEPTH	30 meters
WEIGHT IN AIR	35 kg (handheld version)
FULLY EQUIPPED	33 kg (remote version)
WEIGHT IN SALTWATER	1.2 kg (handheld version, w/ weight) -1.3 kg (remote version)



The Preston Marine FI&Z hand unit

LENSES	Zeiss T1.3 Series Zeiss UP Series Cooke S4 Series Vantage Zoom 17-35 mm Century Zoom 28-70 mm Panavision Lenses Hawk C-Series
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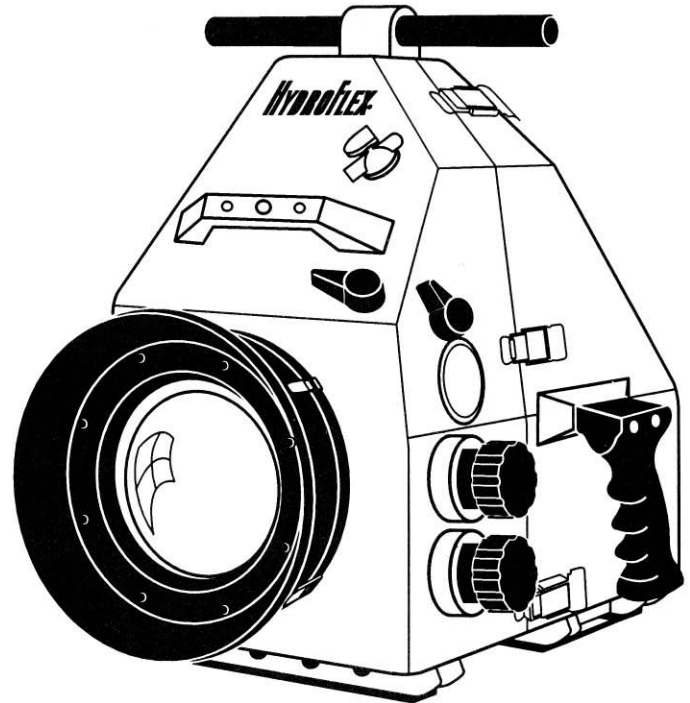
Hydroflex®

35-3 DEEP WATER UNDERWATER CAMERA SYSTEM

Hydroflex 35-3 Deep Water Housing

The HydroFlex, 35-3 Deep Water Housing was developed as a reflex 35 mm high speed underwater camera system. The housing was designed to fit a stock Arri 35-3 camera with a custom video tap and Zeiss, Panavision or Hawk® C-Series lenses. Various spherical and anamorphic lenses can be utilized in conjunction with interchangeable dome or flat ports to provide the cinematographer with a full range of options underwater, on the surface, or on a wet set. External controls are provided for iris, focus and video power. Internally mounted lights can be switched on to read f-stop, focus and footage counters.

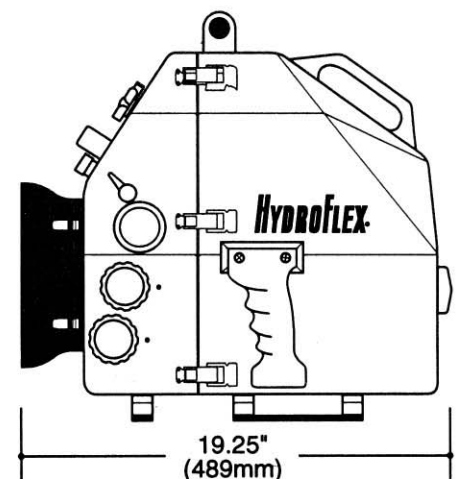
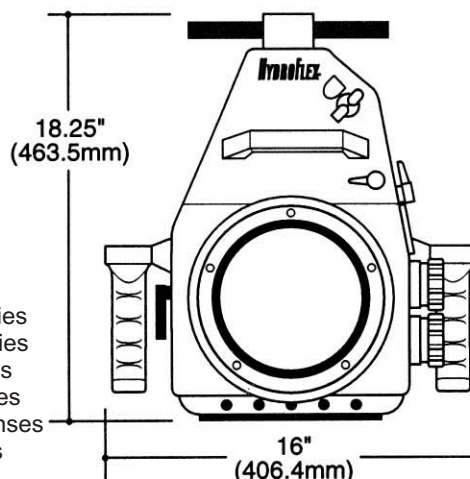
Multiple 3/8-16 holes top and bottom facilitate a number of mounting configurations, and our mounting accessories allow easy rigging to jib arms, dollies and cranes. Additional features such as *remote camera run*, and an underwater monitor further enhance the versatility of this system. When the video tap is used in conjunction with an underwater speaker system, a director can view a thru-the-lens image plus maintain communication with a crew below. For above water filming in rainy or wet sets an optional lens port spray deflector system shoots air across the lens area, keeping drops of water from registering on the film. Depth rated to 50 m.



The Hydroflex 35-3 Deep Water Housing

SPECIFICATIONS

CAMERA	Arriflex 35-3
OPERATING DEPTH	50 meters
WEIGHT IN AIR FULLY EQUIPPED	38.5 kg
WEIGHT IN SALTWATER	1.4 kg
LENSES	Zeiss T1.3 Series Zeiss T2.1 Series Zeiss UP Series Cooke S4 Series Panavision Lenses Hawk C-Series

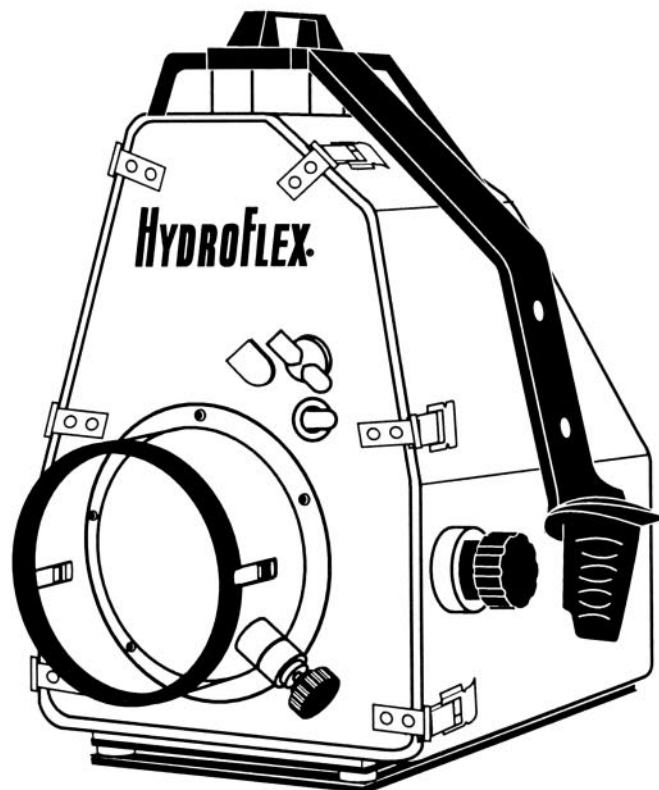


Hydroflex®

35-3 SHALLOW WATER UNDERWATER CAMERA SYSTEM

Shallow Water

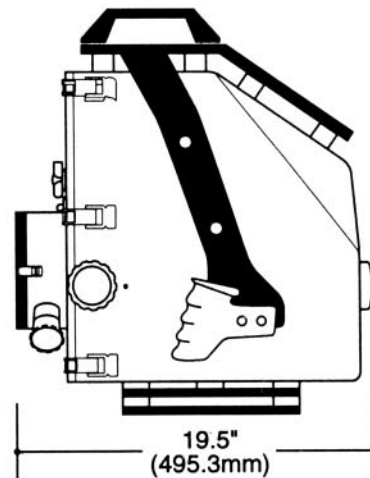
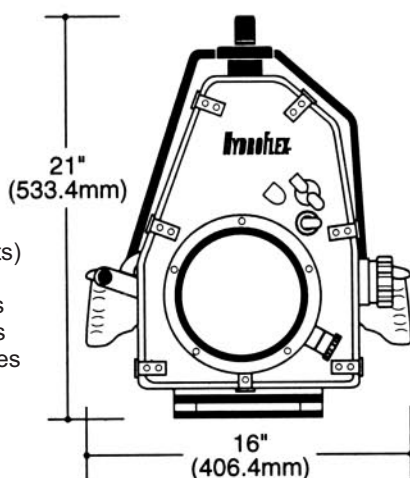
Designed primarily for use above water in wet environments, the HydroFlex 35-3 Shallow Water Housing has become a popular housing. Constructed of fibreglass and aluminium, the housing fits a standard Arriflex 35-3 camera with 120 m magazine and Zeiss or Panavision lenses. An exterior aluminium frame is an integral part of this housing, and it provides many options for mounting from the top and bottom. When fitted with its custom lead pack for underwater use, the HydroFlex Shallow Water Housing is well balanced and easy to maneuver, making it the perfect swimming pool housing, as it can also be used underwater to a depth of 6 m. For above water filming in rainy or wet sets, an optional lens port spray deflector system shoots air across the lens area, keeping drops of water from registering on the film. The 35-3 Shallow Water Housing accepts Zeiss PL T1.3 & 2.1 series and most Panavision spherical and anamorphic lenses. Video assist, remote run capabilities and waterproof monitor help round out this versatile housing. Depth rated to 6 m.



The Hydroflex 35-3 Shallow Water Housing

SPECIFICATIONS

CAMERA	Arriflex 35-3
OPERATING DEPTH	6 meters
WEIGHT IN AIR FULLY EQUIPPED	23.5 kg
WEIGHT IN SALTWATER	0.9 kg (w/ weights)
LENSES	Zeiss T1.3 Series Zeiss T2.1 Series Panavision Lenses



HYDROFLEX®

416/SR3 AQUACAM UNDERWATER CAMERA SYSTEM

416/16SR3 AquaCam

Incorporating many existing features of our Hydroflex 35mm housings, the 416/16SR3 AquaCam is the state-of-the-art 16mm underwater housing. Field testing has proven the AquaCam to be ideal for handheld filming under the water or floating on the surface. Moreover this underwater housing is useful to shoot on cramped underwater sets, e.g. submerged cars. It is also prepared to be operated along with the 2-axis Hydro Head.

Designed around a standard Arriflex 416/16SR3 and Preston remote focus and iris controls, this low profile camera system can be easily fitted with Zeiss or Cooke lenses. Canon zoom lenses can also be used. Both flat and dome ports are available as well as a variety of port extension rings to accommodate the different lenses. Water drops are cleared from the front port by air-powered rain deflector.

Utilizing a specially designed Eyepiece Video system, the 416/16SR3 AquaCam provides 100% video from remote viewing. In the hand-held mode a 6" underwater monitor allows the operator to set the frame while the camera assistant rolls camera, and pulls focus, iris and zoom from above water from as far as 30 meter away. The optional Preston Marine FI&Z hand unit gives the camera assistant start/stop, focus and iris control underwater. All RCU functions can be controlled using a custom cable to surface. Depth rated to 30 meters.



The 16SR3 AquaCam Housing

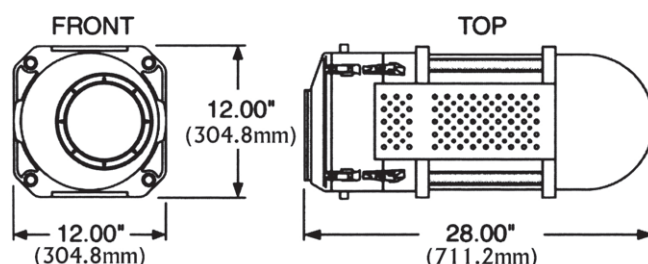
SPECIFICATIONS

CAMERA	Arriflex 416 Arriflex 16SR3
OPERATING DEPTH	30 meters
WEIGHT IN AIR	40 kg (handheld version)
FULLY EQUIPPED	29 kg (remote version)
WEIGHT IN SALTWATER	1.5 kg (handheld version, w/weight)

LENSES	Zeiss T1.3 Series Zeiss UP Series Cooke S4 Series Canon Zoom Lenses
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The Preston Marine FI&Z hand unit



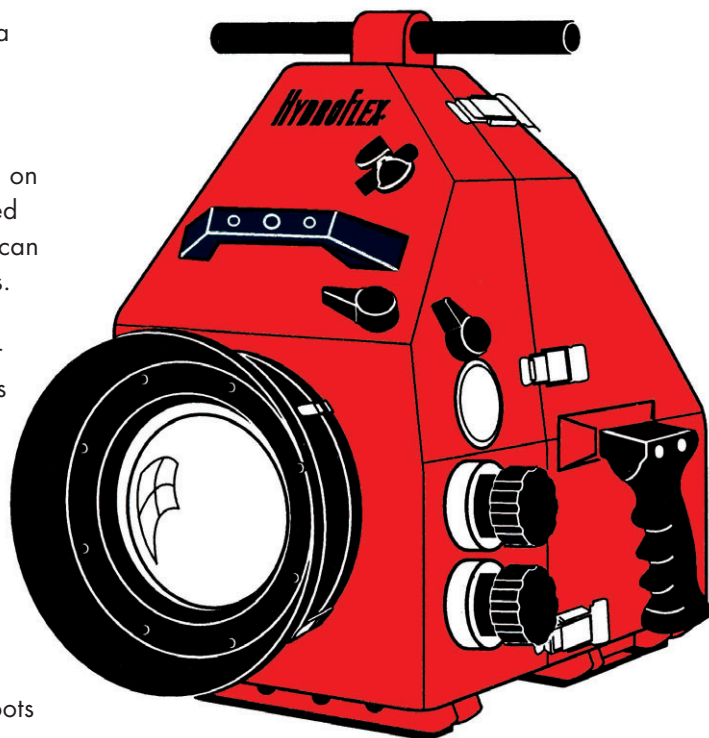
RED ONE DEEP WATER UNDERWATER CAMERA SYSTEM

Hydroflex®

The housing was designed to fit a stock RED ONE camera and Zeiss, Cooke or Hawk® lenses. Various spherical and anamorphic lenses can be utilized in conjunction with interchangeable dome or flat ports to provide the cinematographer with a full range of options underwater, on the surface, or on a wet set. External controls are provided for iris, focus and video power. Internally mounted lights can be switched on to read f-stop, focus and footage counters.

Multiple 3/8-16 holes top and bottom facilitate a number of mounting configurations, and our mounting accessories allow easy rigging to jib arms, dollies and cranes.

Additional features such as remote camera run, and an underwater monitor further enhance the versatility of this system. When the video tap is used in conjunction with an underwater speaker system, a director can view a thru-the-lens image plus maintain communication with a crew below. For above water filming in rainy or wet sets an optional lens port spray deflector system shoots air across the lens area, keeping drops of water from registering on the film. Depth rated to 50 m.



SPECIFICATIONS

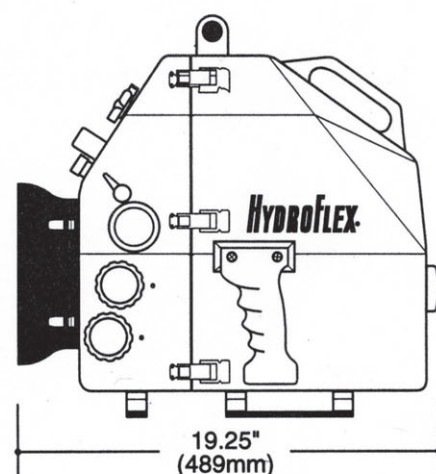
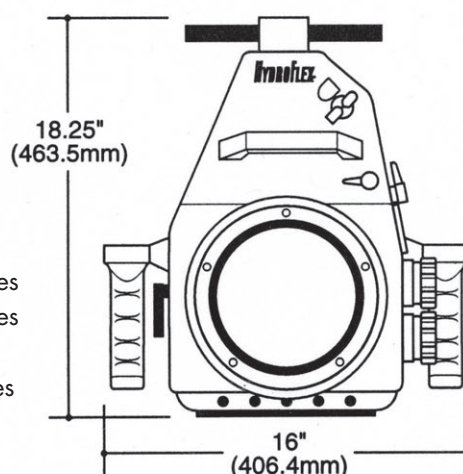
Camera RED ONE

Operating Depth 50 meters

**Weight in air
fully equipped** 38.5 kg

Weight in saltwater 1.4 kg

Lenses
Zeiss T1.3 Series
Zeiss T2.1 Series
Zeiss UP Series
Cooke S4 Series
Hawk V-Lite
Hawk C-Series



If you'd like to run some tests with our RED ONE Deep Water Camera System before your next important shoot, give us a call.