



## Z100 Housing

### 4K Broadcast Underwater Imaging

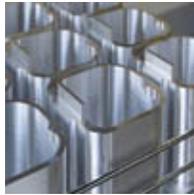


In the workhorse tradition of the EX1 and PMW-200 housings, the **Gates Z100 Housing** raises the bar to 4K resolution. Like its predecessors, the Z100 embraces features for discerning professionals: adjustable weight system for perfect balance and trim; SWP44C Super Wide Port resolving to 4K full zoom through performance; HD-SDI surface feed for topside DP monitoring; and of course durable 'bulletproof' machined aluminum, 100% reliable mechanical controls and 2 year renewable warranty.

Reaching the far corners of the world, Gates housings are tasked with demanding projects extending from marine research and military to television and cinema productions. Experts know that failure is not an option, so they never take a chance.... they take a Gates!

*Compatible Cameras: Sony PXW-Z100 and FDR-AX1*

### Key Features



**Durable, "Bulletproof"** machined aluminum, black type III 'hard' anodize finish, and sealed with a nickel-acetate process.



**Reliable Fingertip Controls** are 100% Mechanical -- no sticky buttons, faulty electronics or dead batteries!



**EM50 Color Monitor**  
A 5" diagonal top mounted monitor for framing and focus. (Optional)



**Quality Optics** means clarity, sharpness and no vignetting (cutoff dark corners) to spoil your images.

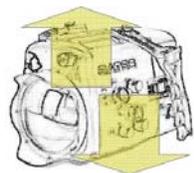
#### WHITE BALANCE



**Pro Controls** such as manual focus, iris and white balance are standard.



**2-Year Warranty.** Only Gates offers a 2-year renewable warranty on all housings.



**Changeable Buoyancy and Trim**  
Add / remove trim weights for ideal balance -- just the way you like it.



**Seal Check** (optional) assures housing integrity *before* entering the water.

## Specifications

### \* Controls (All Mechanical)

- \* Power On/Off
- \* Menu
- \* Neutral Density Filter
- \* A/M Focus
- \* Gain
- \* Assign Buttons
- \* Internal 'Flip' Diopter (+1, +2, or +4)
- \* A/M Iris
- \* Internal Flip Color Correction Filter
- \* Record/Standby
- \* Manual Iris
- \* Zoom
- \* Manual Focus
- \* WB Set
- \* Select / Set Roller

### \* Dimensions

- \* 16.7" L x 11.8" H x 10.5" W " (16" w/handles)
- \* 43 cm L x 30 cm H x 27 cm W (40 cm w/handles)

### \* Construction

- \* Machined aluminum. Type III hard anodize finish. Stainless steel hardware.

### \* Weight

- \* Dry: 24 lbs / 11 kg (without camera)
- \* In water: Slightly negative and adjustable

### \* Depth Rating

- \* 450 feet / 137 meters

### \* Batteries

- \* Accepts Sony batteries up to 2NP-F970/B

### \* Warranty

- \* 2 Years Renewable

## Port Options



### Standard Port SP44

Optical acrylic dome is field replaceable. A/R coated glass dome optional. (*Glass dome depth rated to 150 feet / 46m.*)



### Precision Super Wide SWP44C

Hi Resolution, distortion-free with full zoom through capability.



### Flat Port FP44

A simple flat element good for macro work with diopters. Element is field replaceable.

## Accessories



### LED Lighting

More info coming soon.



**Customizations** are routine and welcome at Gates.



**HD-SDI Surface Feed**, for topside Director viewing and / or recording.



**Gates Tripod** collapses to the housing when not in use.

**Don't Take a Chance....Take a *Gates!***