

PMW200 Housing

Professional Underwater HD for Broadcast TV

In the thoroughbred tradition of the EX1 and EX1R, the **Gates PMW200 Housing** takes center stage as the de-facto standard for underwater broadcast television productions.

Like its predecessors, the PMW200 includes Gates adjustable weight system offers perfect balance and trim. SWP44C Super Wide Port is a performance masterpiece, offering 100° field of view *and* full zoom through for macro imaging. HD-SDI surface feed and EM43 high resolution monitor are optional features that contribute to the sharpest subsea HD images. And the PMW200 is classic Gates heritage: durable 'bulletproof' machined aluminum, 100% reliable mechanical controls and 2 year renewable warranty.

Reaching the far corners of the globe, Gates housings are tasked with critical 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!

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!



External Color Monitor
Choose a 2.5"/64mm or big 4.3"/109mm hi-res monitor to make HD framing and focus easy. (Optional)



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

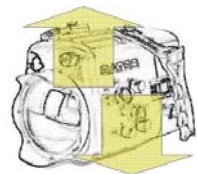
WHITE BALANCE



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 (Preliminary)

* Controls (All Mechanical)

- * Power On/Off
- * Menu / Cancel
- * Neutral Density Filter
- * A/M Focus
- * Gain * WB Set
- * Picture Profile
- * Assign 1 / 2 / 3 / 4
- * Internal 'Flip' Diopter (+1, +2, or +4)
- * A/M Iris / Macro On/Off
- * Internal "Flip" Color Correction Filter
- * Record/Standby
- * Manual Iris
- * Zoom
- * Manual Focus
- * Select / Set Roller
- * Full Auto

* 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 BP-U60

* 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 100° FOV with full zoom 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, Water Alarm, Tripod Mount and more.

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