

# SeaLife ReefMaster RM-4K UW Camera

Update Feb 12, 2020



130ft/40m underwater housing



Removable inner camera

The NEW easy-to-use ReefMaster RM-4K features a pocket-sized design with 14 megapixel still image sensor and ultra-high definition 4K video.

## Key Features

- **14 megapixel** Panasonic® CMOS image sensor for sharp colorful pictures
- **4K Ultra HD Video @ 30fps and 1080p HD video @ 60 fps**
- **40m/130ft compact underwater housing** with removable inner camera
- **140° Fisheye Lens** - Get close to your subject and still fit everything into the picture
- **Underwater color-correction modes** – Underwater Deep for diving and Underwater Shallow for snorkeling
- **Easy 4 button controls** for easy operation
- **Wi-Fi** - wirelessly preview, download and share pictures/videos to smart phone or tablet with “SeaLife ReefMaster” app (free download from Google Play Store or Apple App Store)
- **Image Stabilization** – Electronic stabilization reduces vibration and hand movement for smoother video recording
- **Expandable memory** using micro SDHC/SDXC memory card up to 128GB
- **Compact design** for easy handling and lightweight travel
- **Focus** from 12” (30cm) to infinity (10X Close-up Lens or Super Macro Lens optional accessory)
- **Time lapse shooting** at set time intervals – saves as video file or series of still images
- **Removable Li-ion rechargeable battery** (950 mAh / 3.8V / 3.6Wh for 2+ hours video or 500+ images)
- **2.0” 230K Hi-res TFT color LCD**
- **Expandable** with popular SeaLife accessories (One or two Sea Dragon Photo-Video-Dive Lights, Close-up Lens, Super Macro Lens)

## Detailed Specifications

Image Sensor: 14 mega pixel Panasonic 1/2.3” CMOS sensor

Image resolution/sizes: 14mp (4320 x 3240 4:3)  
10mp (4320 x 2430 16:9)  
8mp (3840 x 2160 16:9)  
5mp (2592 x 1944 4:3)  
2mp (1920 x 1080 16:9)

Picture file format: JPEG

Video Resolution: 4K (3840 x 2160) at 30fps (frames per second)  
2.7K (2704x1524) at 30 fps  
1080p (1920 x 1080) at 60 fps  
1080p (1920 x 1080) at 30 fps  
720p (1280 x 720) at 120fps  
720p (1280 x 720) at 60fps

Video file format: MPEG4 h.264 (.mp4)

Audio: Microphone: Yes (mono)\*  
Speaker: Yes (mono)  
Audio format: MPEG-4 AAC (video/ audio compressed together)

\* Note: Microphone is sealed inside permanently sealed housing which lowers audio recording volume.

Lens aperture: F2.8

Lens Optics: 6 element, fully multi-coated, aspheric optical lens

Focal Length: 2.5 mm (35 film equivalent = 14mm)

Focus type: Instant fixed-focus lens

Focus Range: 12 inches to Infinity (30cm to infinity)

Field of View\*: 140° diagonal Fisheye Wide Angle Lens

Shutter speed: 1/25 to 1/2000 second

Shooting modes: Single capture, Time Lapse Photo and Time Lapse Video

White Balance (WB): Auto, Underwater Shallow, Underwater Deep, Daylight, Cloudy, Tungsten, Fluorescent

ISO: Auto, 100, 200, 400, 800, 1600 and 3200

Exposure Compensation: Exposure from -2.0 to +2.0 in 0.3 increments

Delay Timer: Off, 2 sec and 10 sec

LCD 2.0" TFT LCD color display 230K resolution (240 \* RGB \* 320)

Memory: Micro SDHC/SDXC memory card up to 128GB (Sold separately)  
Recommend 128GB with Video Speed Class V30 (U3)

Read/write speed: 10MB/s

PC connection: PC: Windows XP / 7 and up  
MAC: OS 10.8 and up

Output ports: 1x USB 2.0 out (for charging battery and downloading to computer)  
1x Micro HDMI out (for direct connection to HDTV)

Language Support: On-Screen Display: English, German, French, Spanish, Italian, Dutch, TBD  
Printed manual: English  
Online manual: German, French, Spanish, Italian, Dutch, TBD

Battery: Removable Li-ion battery. 950 mAh, 3.8V. 3.6Wh.

Battery life: Still images: 2+ hours (Approx. 500+ images)  
Video: 1.5 hours at 1080p and 1.2+ hours at 4K

WiFi range: 100ft (33m) on land.

Waterproof: Individually depth tested to 40m/130ft

Shockproof: 3ft / 1m

Buoyancy: TBD

Operating temp: Land: 0°F to 120°F (-18°C to 50°C)  
Underwater: +33°F to +110°F (.5 °C to 44°C)

Storage temp: -20°F to +140°F (-29°C to +60°C)

Tripod mount: Standard ¼-20 tripod threads

Certification: CE, ROHS, FCC

Weight: 7.1 ounces (202 grams) UW housing w/ inner camera and battery.

Dimensions (LxWxH): UW Housing: 1.9" x 4.1" x 2.6" (4.9cm x 10.5cm x 2.6cm)  
Inner camera: 1.3" x 2.3" x 1.6" (3.3cm x 5.8cm x 4.1cm)

Warranty: 1 year limited warranty

Country of Origin: China

**Video recording memory usage (Check accuracy)**

Video size	MB / Min	GB / Min	Minutes per 64GB	Minutes per 128GB
4K 30fps	440	0.44	145	291
2.7K 30fps	444	0.44	144	288
1080p 60fps	166	0.17	386	771
1080p 30fps	166	0.17	386	771
720p-120fps	212	0.21	302	604
720p-60fps	112	0.11	571	1143

**What's in the box****SeaLife ReefMaster RM-4K Underwater Camera (Item SL350)**

- 1x ReefMaster 4K inner camera
- 1x ReefMaster underwater camera housing
- 1x Wrist strap
- 1x USB cable 30"/75cm (USB-A to micro-B)
- 1x Moisture Muncher 1-capsule sampler
- 1x Instruction Manual

UPC: 0 77068 41350 9

Packaging Information: Weight 1.0 Lb. (0.45Kg); Dimensions 3.2" x 5.9" x 7.8" (8 cm x 15cm x 20cm)

Master carton: Contains TBD units; Weight: Lbs. (Kg); Dimension " x " x " ( x x cm)

**SeaLife ReefMaster RM-4K Pro 2000 Set (SL354)**

- 1x ReefMaster RM-4K Underwater Camera (Item SL350)
- 1x Sea Dragon 2000 UW Photo-Video Light (SL677)

UPC: 0 77068 41354 7

Packaging Information: Weight 3.7 Lbs (1.7 Kg); Dimensions 3.5" x 8.3" x 17.5" (9cm x 21cm x 44cm)

Master carton: Contains TBD units

*Specifications are subject to change without notice.*