

InspecamCorder

Compact 4K Camera for continuous video streaming in deep water.

Ideal for marine and oceanographic research, BRUV, ROV, and other underwater inspections without umbilical cable to the surface.

Easy to use, WIFI and to transfer the recording files to a PC or another device.

Can be used together with a light source provided by SpotLED XR.



SPECIFICATIONS

OPTICAL

Field of View, air (Diag)
Focus

90°/115°/140°
Fixed, from 0.5 m to infinite

ELECTRICAL

Image sensor
Resolution & frame rate

Sony IMX117CQT 1/2.3 CMOS
4K (4096 X 2160 17:1) 25 FPS
4K UHD (3840 X 2160, 16:9) 24 / 25 / 30 FPS
2.7K (2704 X 1520 16:9) 24 / 25 / 30 / 60 FPS
1080P (1920 X 1080 16:9) 24 / 25 / 30 / 50 / 60 / 100 / 120 FPS
720P (1280 X 720 16:9) 25 / 30 / 48 / 50 / 60 / 200 / 240 FPS

Photo Resolution
Streaming Data Rate
File Format
Exposure
Built-in Storage
Connection Port
Wi-Fi Module
Compatible
Remote Control
Microphone
Storage Media
Operation time

5MP/8MP/12MP
300Kbps/800Kbps/1.5Mbps
MP4 (H.264 video codec)
Center Weighted Metering
4GB Nand flash + 8GB DDR3L
USB-C Connector
2.4GHz & 5.8GHz AP6234
Windows XP + / Mac OS 10.2 or higher, Bluetooth as option
WiFi (within 10 meters) with Drift Life app
Built-in
MicroSD 256GB
10 hours @ 4K / 14 hours @ 2.7K / 23 hours @ 1080P / 24 hours @ 720P

MECHANICAL

Housing
View port
Diameter
Length
Weight in air
Weight in water

Hard anodized alum 6061 (AISI 316, Titanium optional)
Borosilicate BK7 glass
94 / 88 mm
235 mm
2.5 kg
1.1 kg

ENVIRONMENTAL

Rated depth (m)
Operating temp.

3000 (6000 optional)
-10°C to 45°C