

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

ELECTRICAL

Image sensor Sony IMX117CQT 1/2.3 CMOS
Resolution & frame rate 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
5MP/8MP/12MP
Photo Resolution
Streaming Data Rate 300Kbps/800Kbps/1.5Mbps
File Format MP4 (H.264 video codec)
Exposure Center Weighted Metering
Built-in Storage 4GB Nand flash + 8GB DDR3L
Connection Port USB-C Connector
Wi-Fi Module 2.4GHz & 5.8GHz AP6234
Compatible Windows XP + / Mac OS 10.2 or higher, Bluetooth as option
Remote Control WiFi (within 10 meters) with Drift Life app
Microphone Built-in
Storage Media MicroSD 256GB
Operation time 10 hours @ 4K / 14 hours @ 2.7K / 23 hours @ 1080P / 24 hours @ 720P

MECHANICAL

Housing Hard anodized alum 6061 (AISI 316, Titanium optional)
View port Borosilicate BK7 glass
Diameter 94 / 88 mm
Length 235 mm
Weight in air 2.5 kg
Weight in water 1.1 kg

ENVIRONMENTAL

Rated depth (m) 3000 (6000 optional)
Operating temp. -10°C to 45°C

