

MODEL UWS-3210/Q COMPLETE HD UNDERWATER VIDEO SYSTEM

TECHNICAL SPECIFICATIONS

- Complete Quad HD Video System
- Compact HD Camera
- LED Light, 2500 Lumens
- 1TB HDD DVR with built in Overlay
- Backwards compatible with older SD cameras



STANDARD SYSTEM INCLUDES:

- 4 EA. UWC-330/P: HD 1080P Camera
- 4 EA. UWL-401: LED light
- 4 EA. DHM-60: Bracket
- 4 EA. C-2303: 500 ft. cable
- CON-3250/Q: 15" 16:9 HD Monitor, HDD Recorder, Power Supply with variable light control. All mounted in a weather-resistant rack mount 4U case.

MODEL UWS-3210/Q COMPLETE HD UNDERWATER VIDEO SYSTEM

TECHNICAL SPECIFICATIONS

CAMERA: MODEL UWC-330/P



MECHANICAL:
 Diameter..... 1.62 in. (41 mm)
 Length (excluding connector)..... 5 in. (127 mm)
 Weight air..... 0.63 lbs. (0.28 kg)
 Weight in seawater..... 3.1 oz. (0.09 kg)
 Depth Rating..... 6560 ft. (2000 m)
 Housing Material..... Delrin
 Port Material..... Acrylic

CAMERA PROPERTIES:
 Image Device..... 1/2" Sony Sensor
 Sensitivity..... 0.017 lux
 Resolution..... 1080P
 Lens..... 3.6 mm, F2.0
 Focus..... Fixed
 Horizontal FOV (in water)..... ~80°
 Standard Form..... NTSC ("E" is optional PAL format)

LIGHT: MODEL UWL-401

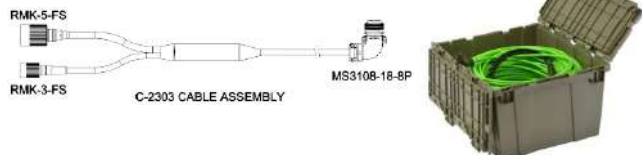


MECHANICAL:
 Weight air..... 0.48 lbs. (0.22 kg)
 Weight in Seawater..... 0.18 lbs. (0.08 kg)
 Depth Rating..... 6,560 ft. (2000 m)
 Housing Material..... Anodized Aluminum

ELECTRICAL:
 Input Voltage..... 24 VDC
 Power..... 20 Watts

LIGHT PROPERTIES:
 Light Output..... 1,100 lux @ 1 m (2,500 lumens) @ 3000 K

CABLE: MODEL C-2303



ELECTRICAL:
 Conductors..... 16 ea. #22 awg; 1 RG-59 Coax

MECHANICAL:
 Length..... 500 ft. (150m) Standard
 Diameter..... 0.35" (8.9 mm)
 Jacket..... Polyurethane (orange)
 Breaking Strength..... 1,200 lbs. (540 kg)

CONSOLE: MODEL CON-3250/Q



MECHANICAL:
 Size..... 22" W x 23" D x 10" H (56 x 58.5 x 25.4 cm)
 Weight..... 51.5 lbs. (23.4 kg)

ELECTRICAL:
 Power..... 110-240 VAC; 50/60Hz.; 200 W max
 Light Control..... Variable control 0-100%.
 Monitor..... 15" ~1600nit, 16:9 HD LCD Color w/audio.
 Safety..... Low voltage output to Diver
 Connections..... Rear connections for umbilicals
 Recorder..... High Definition 1TB HDD DVR

OPTIONS:

CAMERA:

- SD Cameras (UWC-325)
- Stainless Steel Camera Housing (UWC-330/SS)
- Optional connectors

CABLE:

- User-specified cable lengths, 330ft & 500ft are standard lengths.
- C-2304 Cable (Replaceable whip at Diver)

BRACKET:..... HM-300 Helmet mount

LIGHT:..... UWL-400 LED Light
 2,200 lux @ 1m (5,000 lumens) @ 3000 K
 36 Watts

CONSOLE:

- DC Option (/DC) 300W true sign wave inverter