

- Complete Single Diver HD Video System
- Built-in Amron Communicator with Speaker
- Compact HD Camera
- LED Light, 2500 Lumens
- 1TB HDD DVR with built in Overlay
- Backwards compatible with older SD cameras



\*\*\*PICTURES NOT TO SCALE

**STANDARD SYSTEM INCLUDES:**

- 1 EA. UWC-330/P: HD 1080P Camera
- 1 EA. UWL-401: LED light
- 1 EA. DHM-60: Bracket
- 1 EA. C-2303: 500 ft. cable
- Radio Communications Cable **NOT** included
- CON-3700/D: 15" 16:9 HD Monitor, HDD Recorder, Power Supply with variable light control & built in Amron Communicator with Speaker. All mounted in a weather-resistant shipping case.

# MODEL UWS-3710

# 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

### 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-3700/D



#### MECHANICAL:

Size..... 18.5" W x 14.5" D x 8" H (7.3 x 5.7 x 3.15 cm)  
Weight..... 35 lbs. (16 kg)

#### ELECTRICAL:

Power..... 110-240 VAC; 50/60Hz.; 350 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..... Front panel connections for umbilicals  
Recorder..... High Definition 1TB HDD DVR

### OPTIONS:

#### CAMERA:

- Stainless Steel Camera Housing (UWC-330/SS)
- Pal Video Format (/E)
- 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:

- Smart Camera Controller with Dive Timer (6200)
- Tender Headset (Amron 2401-28)
- DC Option (/DC) 300W true sign wave inverter