

- Complete Single Diver HD Video System
- 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
- CON-3500/D: 15" 16:9 HD Monitor, HDD Recorder, Power Supply with variable light control. All mounted in a weather-resistant shipping case.

# MODEL UWS-3510

# COMPLETE HD UNDERWATER VIDEO SYSTEM

## TECHNICAL SPECIFICATIONS

### CAMERA: MODEL UWC-330/P



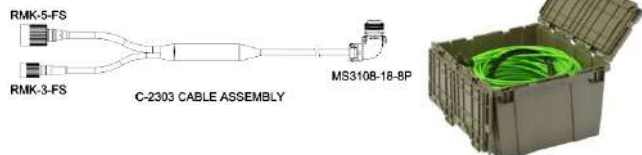
<b>MECHANICAL:</b>	
Diameter.....	1.62 in. (41 mm)
Length (excluding connector).....	5 in. (127 mm)
Weight air.....	0.63 lbs. (0.28 kg)
Weight in seawater.....	3.1 oz. (0.09 kg)
Depth Rating.....	6560 ft. (2000 m)
Housing Material.....	Delrin
Port Material.....	Acrylic
<b>CAMERA PROPERTIES:</b>	
Image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



<b>MECHANICAL:</b>	
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
<b>ELECTRICAL:</b>	
Input Voltage.....	24 VDC
Power.....	20 Watts
<b>LIGHT PROPERTIES:</b>	
Light Output.....	1,100 lux @ 1 m (2,500 lumens) @ 3000 K

### CABLE: MODEL C-2303



<b>ELECTRICAL:</b>	
Conductors.....	16 ea. #22 awg; 1 RG-59 Coax
<b>MECHANICAL:</b>	
Length.....	500 ft. (150m) Standard
Diameter.....	0.35" (8.9 mm)
Jacket.....	Polyurethane (orange)
Breaking Strength.....	1,200 lbs. (540 kg)

### CONSOLE: MODEL CON-3500/D



<b>MECHANICAL:</b>	
Size.....	18.5" W x 14.5" D x 6" H (7.3 x 5.7 x 2.36 cm)
Weight.....	25 lbs. (11.8 kg)
<b>ELECTRICAL:</b>	
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)
- DC Option (/DC) 300W true sign wave inverter