

PORTABLE SINGLE DIVER VIDEO SYSTEM



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

Synergy Diver-Vision-1D is a compact and cost-effective underwater video system designed for commercial diving operations.

It features dual recording on a 32GB SD card and 1TB hard drive, a 15" anti-glare TFT monitor, and supports audio integration with dive communications. Supplied with a high-quality underwater camera and LED light, the system provides clear live video, recording, and playback.

Powered by either 220V AC or 12V DC, it includes HDMI output for remote viewing and a video typewriter for adding time, date, and dive information to recordings.



Part No: SY-DIVER-VISION-1D

SPECIFICATIONS:

BUILT-IN CASE:

- Pelican 1550 case, watertight, airtight, dustproof, chemical and corrosion resistant

DIMENSIONS:

- Interior: 47.2 x 36.1 x 19.6 cm, Exterior: 52.3 x 43.7 x 21.3 cm

WEIGHT:

- 10 kg

COLORS:

- Custom color available upon request.

MONITOR:

- 15" TFT monitor with remote control

PRIMARY RECORDING:

- Mini DVR with 32 GB SD card (upgradeable to 128 GB)

SECONDARY RECORDING:

- 1 TB backup hard drive for video recording & playback

SURFACE CONTROL UNIT:

- Patented Synergy/Outland design with integrated video, light controls, and video titler

CONNECTIONS:

- USB interface for keyboard, mouse, & video titling functions

POWER SUPPLY:

- 220V AC adapter and 12V DC battery connection

POWER MONITORING:

- Digital voltmeter/ammeter display

INPUT DEVICES:

- Waterproof USB keyboard and wireless mouse

OUTPUTS:

- USB file transfer and HDMI remote display

CERTIFICATIONS:

- IMCA D023 - Provided with each system

TESTING:

- Continuity and function tested



Call Us

0044 795 196 6260
00971 50 564 8178

Email Us

ram@synergiequipment.com
info@synergiequipment.com

Visit Us

Al Qusais Industrial Area 1, Dubai.
www.synergiequipment.com

PORTABLE SINGLE DIVER VIDEO SYSTEM



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION



PART NO : SY-UWC-325/p/e

MECHANICAL	SPECIFICATION
Weight	1.77 lbs. (0.24 kg) air, 0.11 lbs. (0.05 kg) sea
Depth Rating	2000 m (6560 ft)
Housing	Black delrin
ELECTRICAL	
Image Device	1/2" Sony Sensor
Sensitivity	0.017 lux
Resolution	SD 4:3
Video Out	1.2 Vpp
Power	135 mA (typical) @ 12 VDC
OPTICAL	
Lens	3.6mm, Electronic-Iris
Focus	Fixed
Angle of View	60° Horizontal FOV (in air)



PART NO : SY-UWL-401

MECHANICAL	SPECIFICATION
Weight	0.48 lbs. (0.22 kg) air, 0.18 lbs. (0.08 kg) sea
Depth Rating	2000 m (6560 ft)
Housing	Anodized Aluminum
ELECTRICAL	
Power	20 Watts (typical)
Wattage	2500 lumens = 150 Watt Halogen
Output	1100 lux @ 1m
OPTICAL	
Lens	3.6mm, Electronic-Iris
Focus	Fixed
Angle of View	100° Bean Angle

MECHANICAL	SPECIFICATION
Conductors	16ea #22 awg 1 RG-59 Coax
Length (mtrs)	100/150/200 as per requirement
Diameter	8.5mm (0.35")
Materials	Orange Polyurethane jacket
Breaking Strength	1200 lbs
END FITTINGS	
Diver End	Moulded Y connection
Camera	Rmk-5-fs with locking sleeve
Light	Rmg-3-fs with locking sleeve
Surface end	Soldered connection
Cable	8 pin amphenol connector



PART NO : SY-VC-150M (length)

PART NO : SY-VC-100M (length)



Call Us

0044 795 196 6260
00971 50 564 8178

Email Us

ram@synergyequipment.com
info@synergyequipment.com

Visit Us

Al Qusais Industrial Area 1, Dubai.
www.synergyequipment.com

PORTABLE SINGLE DIVER VIDEO SYSTEM



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

Connector	RMK-5-FS
Type	5 Female Sockets
Cable	18 in Pigtail of 18 SO AWG Cable
Material	Special Neoprene, Molded
Contacts	Copper Alloy, Hard Gold Plated per ASTM-B-488
Voltage Rating	600 VDC
Pressure Rating, Mated	Up to 20,000 psi
Mates with	XSL-5-BCL on Outland Camera UWC-325/p/e

PART NO : SY-RMK-5-FS



Locking sleeve for Rmk-5-fs

PART NO : SY-K-FLS-D

PART NO : SY-RMG-3FS

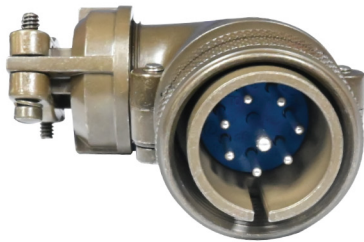


Locking sleeve for Rmg-3-fs

PART NO : SY-G-FLS-D

Connector	RMG-3-FS
Type	3 Female Sockets
Cable	18 in Pigtail of 18 SO AWG Cable
Material	Special Neoprene, Molded
Contacts	Copper Alloy, Hard Gold Plated per ASTM-B-488
Voltage Rating	600 VDC
Pressure Rating, Mated	Up to 20,000 psi
Mates with	XSG-3-BCL on Outland light UWL-401

Certifications	Provided with each system
International	IMCA D0 23
Manufacturer	Synergy Certificates
Electrical	Continuity/Function test



PART NO : SY-MS3108B-18-08P

Cannon Right Angle Amphenol Connector is used for connecting the video camera umbilical to the surface video console unit.



Call Us

0044 795 196 6260
00971 50 564 8178

Email Us

ram@synergiequipment.com
info@synergiequipment.com

Visit Us

Al Qusais Industrial Area 1, Dubai.
www.synergiequipment.com

PORTABLE SINGLE DIVER VIDEO SYSTEM



SYNERGY
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION



Call Us

0044 795 196 6260
00971 50 564 8178

Email Us

ram@synergiequipment.com
info@synergiequipment.com

Visit Us

Al Qusais Industrial Area I, Dubai.
www.synergiequipment.com