

VideoRay Pricing

Systems and Options as of November 13, 2003

Prices are FOB Exton,PA for United States domestic versions. For international sales and options, please contact VideoRay or your local dealer for other video standards, and for CE marked versions.

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Current models:

VIDEORAY 2002

Standard Features

Fits in two included Pelican cases, easily transported by one person and checked as airline baggage

Total System Weight less than 70 pounds (32 Kilos)

Submersible Power Consumption less than 300 Watts, of 100-240VAC, 50-60Hz Power

Maximum voltage in tether is 48VDC

250 feet (76 meters) of Neutrally Buoyant Tether, rated to 250 feet

Depth Gauge, Heading, and Cumulative Hour Meter, reading on LCD display on Control Box

Owners Manual, Spare Parts, and Basic Tool Kit included

Two 20 Watt High Efficiency Halogen lights, controlled from surface

Camera features 160 degree tilt, wide focus range, both controlled from surface

Composite Video works with wide variety of video display and recording devices (not included)

Automatic depth control, rate of increase/decrease controllable from surface

Joystick controls horizontal movement plus Depth, Tilt, Focus or Lights, allowing one hand control

\$11,495.00

NTSC, US Deliveries Only - contact VideoRay or your local dealer for pricing outside the US, for other video standards, and for CE marked versions

VIDEORAY PRO II

Standard Features

ALL Features of the VideoRay 2002

High Resolution 570-line Forward Facing Camera

0.1 Lux Rear Facing Camera (B&W) with Integrated Ultra High Intensity LED lights

User option to superimpose Depth, Time, Date, and Heading information on Video

Accessory Connector allows simple connection of various instruments, sonar systems, tools and cameras

Integrated Control Box has room for a variety of optional user-supplied recording devices, such as camcorders

Integrated Control Box allows optional integrated, onboard viewing screen

\$15,995.00

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Options for current models:**FOR VIDEORAY 2002**

	Price
Tether Deployment System Reel integrated with Pelican 1620 Case	\$1,900
Field Service Spares Package: includes two Main Domes, three Seal Cartridges, one Prop Set, two Thruster Guards, one Float Block, one O-ring Set (entire vehicle), one weight set, four 12V bulbs, one skid assembly, one O-ring & gasket speed lubricator	\$1,010
Comprehensive Support and Maintenance Program	Click here
Upgrade from VideoRay 2002 to Pro II	\$6,995
On-site factory training (2 days) for basic VideoRay operation and maintenance (All inclusive - USA Only)	\$3,940

FOR VIDEORAY PRO II

	Price
Extension Tether adds 250 feet (or more up to 1000 feet total) of tether. Depth Rating Increase to 500 feet (152 meters) included	\$1,300
Flatron monitor (NTSC and PAL compatible)	\$2,595
15-inch video screen for Integrated Control Box (NTSC only)	\$1,995
Mini Microphone for Audio Annotation of Video	\$149
Lighted Auxiliary Zoom Inspection Camera (LAZIC)	\$8,995
Imagenex 851 onboard scanning sonar (requires laptop computer)	\$9,995
Desert Star AquaMap Shiphull Positioning System <i>Option A:</i> (requires laptop computer, not included) <i>Option B:</i> complete with laptop computer and hardware/software installation	\$27,495 \$32,995
Desert Star ROV PILOT Tracking System (requires laptop computer)	\$6,000
Upgrade PILOT for GPS Integration <i>Option A:</i> requires laptop computer with 3 available serial ports, not included <i>Option B:</i> includes laptop and complete hardware/software installation	\$8,995 \$14,995
AquaMap Universe upgrade to PILOT <i>Option A:</i> requires laptop computer with 3 available serial ports, not included <i>Option B:</i> includes laptop computer and complete hardware/software installation	\$33,995 \$36,995
Micro Manipulator remotely controlled gripping device	\$2,995
Tether Deployment System Reel integrated with Pelican 1620 Case	\$1,900
Professional Performance Package PPP includes: 100' of Performance Tether, Battery system with mounts, 60 mm props and new guards, and New code for Counter rotating props and improved response curve for 60mm props	\$3,195
Field Service Spares Package: includes two Main Domes, three Seal Cartridges, one Prop Set, two Thruster Guards, one Float Block, one O-ring Set (entire vehicle), one weight set, four 12 V bulbs, one skid assembly, one O-ring & gasket speed lubricator	\$1,010
Ultimate Field Service Spares Package: includes the Field Package and one Pressure Sensor, All Circuit Boards and heat sink assembly, one Main Power Supply, two Light Domes, Rods, one Chip Extractor, tie wraps, one Multimeter, Pressure Calibration Tool	\$3,430
Comprehensive Support and Maintenance Program	Click here
Expedited Delivery - Less than 30 days	Click here
On-site factory training (2 days) for basic VideoRay operation and maintenance (All inclusive - USA Only)	\$3,940

Replacement Parts

item	applies to	Price
Operator's Manual (2000/2)	2000/2 only	\$5
Operator's Manual (Pro)	Pro only	\$10
Main Domes (1)	all	\$50
Main Domes (4)	all	\$100
Standard Video Camera	2002 only	\$295
High Resolution Camera	Pro only	\$800
Camera Assembly "ring"-with standard camera (includes all parts to tilt and focus camera)	2002 only	\$1,200
Camera Assembly with High Resolution Camera	Pro II	\$1,600
Camera Assembly ring without camera	all	\$1,000
Pressure Sensor	all	\$190
Compass Sensor	all	\$145
Pro Expansion Board	Pro only	\$395
Upper Circuit Board (2000/2)	2000/2 only	\$595
Upper Circuit Board (Pro)	Pro only	\$695
Lower Circuit Board (2000/2)	2000/2 only	\$795
Lower Circuit Board (Pro) PWM	Pro only	\$895
Heat Sink	all	\$100
All Circuit Boards and heat sink assembly	2000/2 only	\$1,300
All Circuit Boards and heat sink assembly	Pro only	\$1,900
Joystick Assembly	all	\$280
Main Power Supply	all	\$410
LCD	all	\$195
Thruster Motors	all	\$205
Seal Cartridge, per Thruster	2002/ProII	\$135
Prop Set (3)	all	\$15
Skid	all	\$100
Thruster Guard	all	\$75
Float Block (2000/2)	2000/2 only	\$250
Float Block (Pro)	Pro only	\$300
Termination Block (2002)	2002 only	\$250
Termination Block (Pro)	Pro only	\$350
Neutrally Buoyant Tether (standard) per foot	all	\$5
Negatively Buoyant Extension tether per foot	all	\$3.50
Tether Termination	all	\$290
O-Ring set (entire vehicle)	all	\$40
ToolKit	all	\$305
Pressure Calibration Tool	all	\$99
Weight set	Pro, 2002	\$95
Ballast clamp assembly		\$85
Manipulator clamp assembly		\$85
851 sonar clamp assembly		\$120
8 pin connector same for customer termination (male or female)		\$150
9 pin male whip		\$150
12V bulb		\$10
Light Domes (polycarbonate)		\$75
Pressure Test		\$100
Shop Time per hour		\$65

Shipping at posted UPS or FedEx rates

(see www.ups.com or www.fedex.com)

Upgrade options for older units:

FOR VIDEORAY 2000

Price

Lite VideoRay 2002 Upgrade. This is designed to bring the most important benefits of the VideoRay 2002 to fairly low-hour units, and includes:

\$1,700

- New skid
- New ballast set with clamp
- New horizontal cones with threaded rods (for cartridges)
- New horizontal nozzles/guards
- New Vertical Cone (for cartridges)
- New Motors
- New Main Domes
- New software, including autodepth but not third joystick axis.

Lite VideoRay 2002 Upgrade Parts Only

\$1,500

*Upgrade work must be performed by authorized repair center. Failure to do this will void the warranty.

Full VideoRay 2002 Upgrade/Overhaul Includes Lite Upgrade, but also:

\$2,900

- New Camera Tilt Mechanism
- New acrylic light domes
- Detachable Tether at sub end
- New extended-temperature-range LCD display
- New Overlay on panel
- New connector (subconn) on panel
- New Joystick
- New software including third axis

Full VideoRay 2002 Upgrade/Overhaul Parts Only

\$2,600

*Upgrade work must be performed by authorized repair center. Failure to do this will void the warranty.

Upgrade from VideoRay 2000 to Pro II

\$7,995

FOR VIDEORAY PRO

Price

Rodless Thruster/Software upgrade.

\$1,500

This provides the most important benefits of new developments to the Pro line since its introduction in early 2001. The new motors, cartridge seals, and thruster tubes improve performance and lengthen required maintenance intervals. The latest software improves the onscreen display and autodepth performance.

- New horizontal cones with threaded rods (for cartridges)
- New horizontal nozzles/guards
- New Vertical Cone (for cartridges)
- New Motors
- New Main Domes
- New software, including AutoDepth.
- Third Axis Software if your unit has appropriate joystick

Connection upgrade.

***\$1,280**

This improves flexibility with the ability to detach the submersible at either control box or submersible end, and the ability to mix and match different types and lengths of tether for different jobs. Required for the use of the new Tether Deployment System (TDS). Allows the addition of sonar, positioning system, or other instruments. Some

instruments, such as the sonar, may require tether replacement.

*Add \$100 if manipulator equipped to reterminate the manipulator

*Add \$200 if equipped with rear facing lights to replace outboard lights with LEDs

Camera Upgrade.

\$1,200

This replaces the older style forward facing camera and tilt mechanism with the high resolution camera and upgraded tilt mechanism now standard with the Pro II.

ICB Upgrade.

\$1,500

This replaces the older and smaller control box with our newest style, which has room and power/video connections for the inclusion of a recording device such as the Sony GV-D1000 (not included with this upgrade.) This Pelican 1550 based system also has room in the lid for a 15 inch display (not included with this upgrade.)

Complete upgrade to Pro II

\$4,995

This takes any original Pro and upgrades it to a Pro II. If equipped with a manipulator, this is upgraded as well.

NOTE ABOUT UNITS WITH FISCHER CONNECTORS:

If you are having problems with the Fischer connectors on the VideoRay Pro and your unit is under warranty, we will:

- 1) Pot the connectors together permanently at no charge
- 2) Provide a 50% discount on Connection upgrade above